

**PHASE II ENVIRONMENTAL BASELINE SURVEY OF
McCORMICK RANCH, KIRTLAND AIR FORCE BASE,
NEW MEXICO**

Part 3 of 5

Grace Hagaraty

Jeff Johnson

Pete Middlebrooks

GRAM, Inc

8500 Menaul Blvd NE

Albuquerque, NM 87112

31 January 1996

Final Report

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Support Directorate
AIR FORCE MATERIEL COMMAND
KIRTLAND AIR FORCE BASE, NM 87117-5776**

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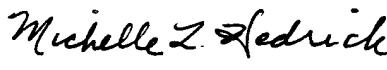
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CARLA J. DOGGETT
Project Manager

FOR THE COMMANDER


MICHELLE L. HEDRICK, GS-13
Chief, Safety & Environmental
Office


JAMES D. LEDBETTER, Col, USAF
Director, Support Directorate

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1. Report Date (dd-mm-yy) 31 January 1996	2. Report Type Final Report	3. Dates covered (from... to) Oct 93 - Jan 95			
4. Title & subtitle Phase II Environmental Baseline Survey of McCormick Ranch, Kirtland AFB, NM , Part 3 of 5		5a. Contract or Grant # F29601-93-C-0219			
		5b. Program Element # 62601F			
6. Author(s) Grace Hagaraty, GRAM, Inc. Jeff Johnson, GRAM, Inc. Pete Middlebrooks, LATA		5c. Project # 9993			
		5d. Task # 00			
		5e. Work Unit # SE			
7. Performing Organization Name & Address GRAM, Inc. 8500 Menaul Blvd. N.E. Albuquerque, New Mexico 87112		8. Performing Organization Report #			
9. Sponsoring/Monitoring Agency Name & Address Phillips Laboratory 3550 Aberdeen Avenue, SE Kirtland AFB, NM 87117-5776		10. Monitor Acronym SE			
		11. Monitor Report # PL-TR-95-1042, Part 3 of 5			
12. Distribution/Availability Statement Approved for Public Release; Distribution is Unlimited					
13. Supplementary Notes Work done in association with Los Alamos Technical Associates					
14. Abstract The Phase II EBS results document the extent of environmental contamination believed to be present on McCormick Ranch. Explosive test areas having the greatest potential for containing soil contaminants were identified using the following geophysical survey methods: EM 31 terrain conductivity meter, magnetometer/gradiometer, and ground penetrating radar. From the geophysical surveys five areas were selected to conduct further environmental analysis. A total of 310 soil samples were collected from the five areas and 13 specific high explosive test sites. The samples were screened for semi-volatile organic compounds, PETN, TNT, TNT-degradation products, nitrates and radioactivity. Laboratory analyses were performed and no explosives or degradation products were identified. Semi-volatile organic compounds were found in 2 samples, manganese was detected in 3 samples, nitrates were discovered below soil action levels and radiation levels were below background. Consequently, it is unlikely that significant contamination exists.					
15. Subject Terms McCormick Ranch, Environmental Baseline Survey, Contamination					
16. Report Unclassified	17. Abstract Unclassified	18. This Page Unclassified	19. Limitation of Abstract Unlimited	20. # of Pages 216	21. Responsible Person (Name and Telephone #) Michelle Hedrick 505-846-4574

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton SITE IDENTIFIER KRUDUS4
 DATE 9/20/14

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0759
ST-2	14	0759
ST-3	14	0759
AVERAGE	14	

ANALYTICAL RESULTS FOR BATCH NIT-14

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0214	0747	0807	0835	0835	2	
0215	0747	0807	0835	0835	0	
0216	0747	0807	0835	0835	3	
0217	0747	0807	0835	0835	2	
0218	0747	0807	0836	0836	3	
0219	0747	0807	0836	0836	1	
0220	0747	0807	0836	0836	0	
0220 Dup	0747	0807	0836	0836	1	
0221	0747	0807	0837	0837	1	
0222	0747	0807	0837	0837	0	

Dhundu Methan
 Signature (Lab. Tech.)

*Step 2.1.2 "F" completed.

**Step 2.1.2 "J" completed.

***Step 2.2 "F" completed.

Signature (Review/Approval)

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME J. Denton / Rhonda
METHUIN
SITE IDENTIFIER KC171NS4

DATE 9/20/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	1/4	075G
ST-2	1/4	075G
ST-3	1/4	075G
AVERAGE	1/4	

ANALYTICAL RESULTS FOR BATCH KIT-19

SAMPLE ID	EXTRACT*	TIME	NITRATE (PPM)	COMMENTS
		FILTER**	ANALYZE***	
0223	0747	0807	0837	
0224	0747	0807	0837	0
0225	0747	0807	0838	0
Milk Blank	NA	NA	0830	0

F-2

Rhonda Mether
Signature (Lab Tech)

Signature (Lab. Tech.)

*Step 2: 1.2 "f" completed.

****Step 2.1.2 "}" completed.**

***Step 2.2 "F" completed.

Signature (Review/Approval)

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jeanne Rhonda Meltkvin
 SITE IDENTIFIER KRUD154
 DATE 9/19/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	15	0748
ST-2	15	0748
ST-3	15	0748
AVERAGE	15	

ANALYTICAL RESULTS FOR BATCH UNIT-18

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0143	0825	0850	0855	0		
0144	0825	0850	0855	2		
0145	0825	0850	0855	0		
0146	0825	0850	0855	3		
0147	0825	0850	0856	2		
0148	0825	0850	0856	5		
0149	0825	0850	0856	2		
0150	0825	0850	0856	0		
0206	0825	0850	0857	2		
0207	0825	0850	0857	0		

7-3

Jeanne Rhonda Meltkvin
 Signature (Lab. Tech.)

*Step 2.1.2 "f" completed.

**Step 2.1.2 "f" completed.

Signature (Review/Approval)

***Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jean Denton/Rhonda Netwinn SITE IDENTIFIER KELIN54

DATE 9/19/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	15	0748
ST-2	15	C748
ST-3	15	0745
AVERAGE	15	

ANALYTICAL RESULTS FOR BATCH NIT-18

Rhonda Mether
Signature (Lab. Tech.)

Signature (Lab. Tech.)

***Step 2.1.2 "r" completed.**

****Step 2.1.2 "T" completed.**

* * * Step 2.2 "F" completed.

Signature (Review/Approval)

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Mithun
 SITE IDENTIFIER KRITAIS4
 DATE Sept. 16, 1994

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0744
ST-2	14	0744
ST-3	15	0744
AVERAGE	14.3	

ANALYTICAL RESULTS FOR BATCH NIT-17

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0031	0821	0845	0850	0850	3	
0032	0821	0845	0850	0850	3	
0033	0821	0845	0850	0850	8	
0034	0821	0845	0850	0850	9	
0035	0821	0845	0851	0851	7	
0036	0821	0845	0851	0851	7	
0037	0821	0845	0851	0851	4	
0038	0821	0845	0851	0851	0	
0039	0821	0845	0852	0852	0	
0040	0821	0845	0852	0852	0	

Rhonda Mithun
 Signature (Lab. Tech.)

Jim Denton
 *Step 2.1.2 "F" completed.
 **Step 2.1.2 "F" completed.

Signature (Review/Approval)

***Step 2.2 "F" completed.

9/16/14

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin SITE IDENTIFIER KELTINSY
 DATE 9/16/14

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0744
ST-2	14	0744
ST-3	15	0744
AVERAGE	14.3	

ANALYTICAL RESULTS FOR BATCH NIT-17

SAMPLE ID	EXTRACT*	TIME	NITRATE (PPM)	COMMENTS
	FILTER**	ANALYZE***		
0040 Np	0821	0845	0852	2
0131	0821	0845	0852	2
0132	0821	0845	0853	1
0133	0821	0845	0853	2
0134	0821	0845	0853	3
0135	0932	1018	1022	1
0136	0932	1018	1022	0
0137	0932	1018	1023	5
0138	0932	1018	1023	1
0139	0932	1018	1023	0

F-6

Diane A. Methvin

Signature (Lab. Tech.)

Jim Denton

Signature (Review/Approval)

•Step 2.1.2 "f" completed.

•Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton / Rwanda SITE IDENTIFIER KERI1A154
Methylin

DATE 9/16/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0744
ST-2	14	0744
ST-3	15	0744
AVERAGE	14.3	

ANALYTICAL RESULTS FOR BATCH NIT-1

SAMPLE ID	EXTRACT*	TIME FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0140	0932	1018	1024	4	
0140 Dup	0932	1018	1024	4	
0141	0932	1018	1025	0	
0142	0932	1018	1026	2	
Method Blank	NA	NA	0853	0	
Method Blank	NA	NA	1025	0	

F-7

Rhonda Mether

Signature (Lab. Tech.)

110 [111]

Signature (Review/Approval)

***Step 22 "f" completed

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NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jn Denton/Rhonda Metherin
 SITE IDENTIFIER KRLTM54
 DATE 9/15/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0716
ST-2	14	0716
ST-3	14	0716
AVERAGE	14	

ANALYTICAL RESULTS FOR BATCH NIT-16

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0001	0806	0824		0831	11	
0002	0806	0824		0831	3	
0003	0806	0824		0831	7	
0004	0806	0824		0831	4	
0005	0806	0824		0832	4	
0006	0806	0824		0832	5	
0007	0806	0824		0832	6	
0008	0806	0824		0832	5	
0009	0806	0824		0833	4	
0010	0806	0824		0833	5	

T-18

Rhonda Metherin

Signature (Lab. Tech.)

Signature (Review/Approval)

Jim Denton

Step 2.1.2 "F" completed.

Step 2.2 "F" completed.

9/15/94

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME In-Natalia/Rhonda SITE IDENTIFIER KRLIN54
 DATE 9/15/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0716
ST-2	14	0716
ST-3	14	0716
AVERAGE	14	

ANALYTICAL RESULTS FOR BATCH NIT-16

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0011	0806	0824		0833	5	
0012	0806	0824		0833	3	
0013	0806	0824		0834	5	
0014	0806	0824		0834	5	
0015	0806	0824		0834	4	
0016	0948	0928	0928	0937	0	
0017	0948	0928	0928	0937	3	
0018	0948	0928	0928	0937	5	
0019	0948	0928	0928	0937	0	
0020	0948	1028	1028	1039	3	
0020 Dup	0948	1028	1028	1040	3	

Dhurda MetherJohn Deno

Signature (Lab. Tech.)

Signature (Review/Approval)

***Step 2.1.2 "f" completed.

***Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Newton/Rhonda Meltzer
 SITE IDENTIFIER KRLDN54
 DATE 9/15/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0716
ST-2	14	0716
ST-3	14	0716
AVERAGE	14	

ANALYTICAL RESULTS FOR BATCH NIT-16

SAMPLE ID	EXTRACT*	TIME	FILTER**	NITRATE (PPM)		COMMENTS
				ANALYZE***	(PPM)	
0021	0948	1028	1033	1033	3	
0022	0948	1028	1033	1033	1	
0023	0948	1028	1033	1033	2	
0024	0948	1028	1033	1033	3	
0025	0948	1028	1033	1033	0	
0026	0948	1028	1033	1033	3	
0027	0948	1028	1033	1033	5	
0028	0948	1028	1033	1033	5	
0029	0948	1028	1033	1033	0	
0030	0948	1028	1033	1033	4	
Method Blank	NA	NA	0839	0839	0	

Rhonda Meltzer

Signature (Lab. Tech.)

Jim Newton

Signature (Lab. Tech.)

Signature (Review/Approval)

***Step 2.1.2 "f" completed.

***Step 2.1.2 "f" completed.

9/14/94

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton / Rhonda Methvin
 SITE IDENTIFIER KELTAN
 DATE 9/14/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0846
ST-2	15	0846
ST-3	15	0846
AVERAGE	14.6	

ANALYTICAL RESULTS FOR BATCH NIT-15

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0061	0848	0910	0915	0		
0062	0848	0910	0915	5		
0063	0848	0910	0915	2		
0064	0848	0910	0915	6		
0065	0848	0910	0916	2		
0066	0848	0910	0916	18		
0067	0848	0910	0916	0		
0068	0848	0910	0916	5		
0069	0848	0910	0917	3		
0070	0848	0910	0917	3		

F-11

Rhonda Methvin

Signature (Lab. Tech.)

L. L. T.

*Step 2.1.2 "f" completed.

Signature (Review/Approval)

**Step 2.1.2 "f" completed.

***Step 2.2 "f" completed.

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NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton / Rhonda Methvin SITE IDENTIFIER KPITO154
 DATE 9/14/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0846
ST-2	15	0846
ST-3	15	0846
AVERAGE	14.6	

ANALYTICAL RESULTS FOR BATCH NIT-15

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0071	0848	0910	0917	6		
0072	1000	1042	1047	7		
0073	1000	1042	1047	4		
0074	1000	1042	1047	0		
0075	1000	1042	1047	1		
0076	1000	1042	1048	6		
0077	1000	1042	1048	7		
0078	1000	1042	1048	8		
0079	1000	1042	1048	1		
0080	1000	1042	1049	5		

F-12

Rhonda Methvin

 Signature (Lab. Tech.)

***Step 2.1.2 "f" completed.
 ***Step 2.2 "f" completed.

Signature (Review/Approval)

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NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tom Denton / Rhode
Island Netwrix
SITE IDENTIFIER KELTIDSY4

STANDARD ANALYSES		
STANDARD	PPM	TIME
ST-1	14	0846
ST-2	15	0846
ST-3	15	0846
AVERAGE	14.6	

ANALYTICAL RESULTS FOR BATCH NIT-15

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0080 Dups	1000	1042		1049	5	
Meths Blank	NA	NA		1049	0	

T-13

Deneb Metheran
Signature (Lab. Tech.)


Signature (Lab. Tech.)

Dinkha

Step 2.1.2 "F" completed.

*Step 2.1.2 "T" completed.

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Signature (Review/Approval)

NITRATE FIELD SCREENING WORKSHEET

9/13/94

LAB. TECH. NAME Tim Denton / Rhonda Methvin
 SITE IDENTIFIER Kelton Sy
 DATE 9/13/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	16	0740
ST-2	16	0740
ST-3	16	0740
AVERAGE	16	

ANALYTICAL RESULTS FOR BATCH NIT-13

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
011	0818	0850	0900	3		
012	0818	0850	0900	4		
013	0818	0850	0900	7		
014	0818	0850	0900	4		
015	0818	0850	0901	6		
016	0818	0850	0901	4		
017	0818	0850	0901	5		
018	0818	0850	0901	3		
019	0818	0850	0902	6		
020	0818	0850	0902	8		

F - 14

Dionda Methvin

Signature (Lab. Tech.)

Gin Denton

Signature (Lab. Tech.)

Signature (Review/Approval)

***Step 2.1.2 "f" completed.

***Step 2.2 "f" completed.

9/13/94

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denison / Rhonda Methvin SITE IDENTIFIER KELTH/154
 DATE 9/13/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	16	0740
ST-2	16	0740
ST-3	16	0740
AVERAGE	16	

ANALYTICAL RESULTS FOR BATCH NIT-13

SAMPLE ID	TIME			NITRATE (PPM)	COMMENTS
	EXTRACT*	FILTER**	ANALYZE***		
0120 Dub	0818	0850	0902	6	
0121	0818	0850	0902	7	
0122	0818	0850	0903	5	
0123	0818	0850	0903	6	
0124	0818	0850	0903	7	
0125	0818	0850	0903	5	
0126	1001	1040	1045	3	
0127	1001	1040	1045	8	
0128	1001	1040	1045	1	
0129	1001	1040	1046	1	

7-15

Rhonda Methvin

Signature (Lab. Tech.)

Z. L. Methvin

Signature (Review/Approval)

***Step 2.1.2 "f" completed.

***Step 2.2 "f" completed.

9 / 13 /

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton/Rhonda
METHUEN
SITE IDENTIFIER KRLTD154
DATE 9/13/94

STANDARD ANALYSES		
STANDARD	PPM	TIME
ST-1	16	0740
ST-2	16	0740
ST-3	16	0740
AVERAGE	16	

ANALYTICAL RESULTS FOR BATCH NIT-13

Bhanda Mother

Signature (Lab. Tech.)

—Dentro

***Step 2.2 "f" completed.

****Step 2.1.2 "j" completed.**

1

NITRATE FIELD SCREENING WORKSHEET

9/13/94

LAB. TECH. NAME Tim Deacon / Rhonda Methvin
 SITE IDENTIFIER KRITA54
 DATE 9/13/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0950
ST-2	14	0950
ST-3	15	0950
AVERAGE		

ANALYTICAL RESULTS FOR BATCH NIT-14

SAMPLE ID	EXTRACT*	TIME FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0041	1001	1040	1046	0	
0042	1001	1040	1046	2	
0043	1001	1040	1047	1	
0044	1001	1040	1047	4	
0045	1001	1040	1047	2	
0046	1001	1040	1047	4	
0047	1001	1040	1048	15	
0048	1001	1040	1048	8	
0049	1001	1040	1048	3	
0050	1001	1040	1048	3	

F-17

Rhonda Methvin

Signature (Lab. Tech.)


*Step 2.1.2 "f" completed.

***Step 2.2 "f" completed.

Signature (Review/Approval)

Page 1

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton/Rhonda Methvin SITE IDENTIFIER KRLT0154
 DATE 9/13/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0950
ST-2	14	0950
ST-3	15	0950
AVERAGE	14.3	

ANALYTICAL RESULTS FOR BATCH NIT-14

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0051	1001	1040	1049	9		
0052	1008	1138	1142	3		
0053	1018	1138	1142	8		
0054	1118	1138	1142	3		
0055	1118	1138	1142	3		
0056	1118	1138	1143	1		
0057	1118	1138	1143	3		
0058	1118	1138	1143	3		
0059	1118	1138	1143	2		
0060	1118	1125	1141	3		

F-18

Rhonda Methvin
 Signature (Lab. Tech.)

Signature (Review/Approval)

*Step 2.1.2 "f" completed.
 **Step 2.1.2 "f" completed.

***Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Metivier SITE IDENTIFIER KRUTA54

STANDARD ANALYSES		
STANDARD	PPM	TIME
ST-1	14	0950
ST-2	14	0950
ST-3	15	0950
AVERAGE		

ANALYTICAL RESULTS FOR BATCH $\bar{NIT}-14$

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0060 Dup	1118	1125	1044L	3		
Method Blank	NA	NA	1049	0		

Phenac Methane
Signature (Lab. Tech.)

Signature (Lgb. Tech.)

Digitized by

*Step 2.1.2 "F" completed.

Signature (Review/Approval)

***Step 2.2 "f" completed.

Step 2: 1.2 "T" completed.

Page 1

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Anderson / Ronda Methvin
 SITE IDENTIFIER K4T0154
 DATE 9/12/94

9/12/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	15	0723
ST-2	15	0723
ST-3	14	0723
AVERAGE	14.66	

ANALYTICAL RESULTS FOR BATCH NIT-12

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0091	0800	0820	0830	R/F 3		
0092	0800	0820	0830	8		
0093	0800	0820	0830	13		
0094	0800	0820	0831	0		
0095	0800	0820	0831	R/F 11		
0096	0800	0820	0831	7		
0097	0800	0820	0832	8		
0098	0800	0820	0832	3		
0099	0800	0820	0832	5		
0100	0800	0820	0833	3		

F-20

Ronda Methvin

Signature (Lab. Tech.)

T. L. L'vorn

**Step 2.1.2 "f" completed.

Signature (Review/Approval)

***Step 2.2 "f" completed.

9/12/94

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Deaton/Rhonda Mether
 SITE IDENTIFIER KRLTD/54
 DATE 9/12/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	15	0723
ST-2	15	0723
ST-3	14	0723
AVERAGE	14.66	

ANALYTICAL RESULTS FOR BATCH NIT-12

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0101	0800	0820		0833	4	
0102	0800	0820		0833	11	
0103	0907	0946		0951	5	
0104	0907	0946		0952	0	
0105	0907	0946		0952	3	
0106	0907	0946		0952	2	
0107	0907	0946		0953	5	
0108	0907	0946		0953	2	
0109	0907	0946		0953	15	

F-21

Diane Mether
 Signature (Lab. Tech.)
9/12/94
 *Step 2.1.2 "f" completed.
 **Step 2.1.2 "j" completed.

Signature (Review/Approval)

***Step 2.2 "f" completed.

Page 1

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton/Ronald Methvin SITE IDENTIFIER KRLT054

STANDARD ANALYSES		
STANDARD	PPM	TIME
ST-1	15	0723
ST-2	15	0723
ST-3	14	0723
AVERAGE	14.66	

ANALYTICAL RESULTS FOR BATCH MIT-12

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
O110	O907	O946	O954	5		
Method Blank	NA	NA	O834	6		

Danda Mehta
signature [Lab. Tech.]

Signature (Lab. Tech.)

~~Step 2.1.2 "F"~~ completed.

Signature (Review/Approval)

***Step 2.2 "f" completed.

****Step 2.1.2 "J" completed.**

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tina Denbow / Rhonda Methvin SITE IDENTIFIER KRLTD154
 DATE 9/9/94

9/9/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	16	0735
ST-2	16	0735
ST-3	14	0735
AVERAGE	15.3	

ANALYTICAL RESULTS FOR BATCH NIT-11

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***		NITRATE (PPM)	COMMENTS
				ST	LT		
0186	0806	0828	0835	1	1		
0187	0806	0828	0835	1	1		
0188	0806	0828	0835	2	2		
0189	0806	0828	0836	1	1		
0190	0806	0828	0836	5	5		
0191	0806	0828	0836	11	11		
0192	0806	0828	0837	4	4		
0193	0806	0828	0837	7	7		
0194	0806	0828	0837	8	8		
0195	0911	0930	0940	8	8		

F-23

Rhonda Methvin
 Signature (Lab. Tech.)
S. J. L.
 *Step 2.1.2 "f" completed.
 **Step 2.1.2 "j" completed.
 ***Step 2.2 "f" completed.

Signature (Review/Approval)

***Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton/Rhonda McElvainDATE 9/1/94

9/9/94

SITE IDENTIFIER KRLT154

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	16	07:35
ST-2	16	07:35
ST-3	14	07:35
AVERAGE	15.3	

ANALYTICAL RESULTS FOR BATCH NIT-11

SAMPLE ID	EXTRACT*	TIME	NITRATE (PPM)	COMMENTS
	FILTER**	ANALYZE***		
0196	0911	0930	0940	7
0197	0911	0930	0940	0
0198	0911	0930	0940	5
0199	0911	0930	0941	3
0200	0911	0930	0941	1
0200 dup	0911	0930	0941	1
0201	0911	0930	0941	1
0202	0911	0930	0942	4
0203	0911	0930	0942	0
0204	0911	0930	0942	2

F-24

Rhonda McElvainSignature (Lab. Tech.)


Signature (Review/Approval)

***Step 2.2 "f" completed.

**Step 2.1.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Donald P. Methervin SITE IDENTIFIER KRUT0154
 DATE 9/1/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0726
ST-2	14	0726
ST-3	14	0727
AVERAGE	14	

ANALYTICAL RESULTS FOR BATCH NIT-7

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0238	0758	0820		0825	22	
0239	0758	0820		0825	2	
0240	0759	0820		0826	4	
0240 Dup	0758	0820		0826	2	
0241	0758	0820		0827	4	
0242	0758	0820		0827	3	
0243	0758	0820		0828	0	
0244	0758	0820		0828	3	
0245	0758	0820		0829	0	
0286	0758	0820		0829	0	

F-25

Donald Methervin

Signature (Lab. Tech.)

J. L. M.

*Step 2.1.2 "f" completed.

Signature (Review/Approval)

***Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Dalton/Phoenix Methan SITE IDENTIFIER KRLDQ154

DATE 9/1/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0726
ST-2	14	0726
ST-3	14	0726
AVERAGE	14	

ANALYTICAL RESULTS FOR BATCH NIT-7

SAMPLE ID	EXTRACT*	TIME	NITRATE (PPM)		COMMENTS
			FILTER**	ANALYZE***	
0287	085.3	0925	0930	0	
0288	085.3	0925	0930	2	
0289	085.3	0925	0931	2	
0290	085.3	0925	0931	1	
0291	085.3	0925	0932	2	
0292	085.3	0925	0932	3	
0293	085.3	0925	0933	4	
0294	085.3	0925	0933	4	
0295	085.3	0925	0934	6	
Met/Blank	NA	NA	0934	0	

F-26

Dhanch Mathur
Signature (Lab. Tech.)

Jain Srinivas
Signature (Lab. Tech.)

Signature (Review/Approval)

***Step 2.1.2 "f" completed.

***Step 2.1.2 "f" completed.

***Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton / Rhonda Methus SITE IDENTIFIER KCLD154

DATE 8/31/94

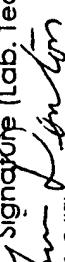
STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	15	0725
ST-2	16	0725
ST-3	15	0726
AVERAGE	15.33	

ANALYTICAL RESULTS FOR BATCH NIT-6

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0226	0801	0825	0830	7		
0227	0801	0825	0830	2		
0228	0801	0825	0831	0		
0229	0801	0825	0831	4		
0230	0801	0825	0832	0		
0231	0801	0825	0833	1		
0232	0801	0825	0833	0		
0233	0801	0825	0833	0		
0234	0801	0825	0834	1082		
0235	0801	0825	0834	8		
0236	0801	0825	0835	5		
0237	0801	0825	0835	6		

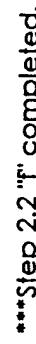
Signature (Lab. Tech.)



*Step 2.1.2 "f" completed.

**Step 2.1.2 "f" completed.

Signature (Review/Approval)



***Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton / Rhonda Meltzer SITE IDENTIFIER KRLT0154

DATE 8/30/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0750
ST-2	15	0751
ST-3	16	0751
AVERAGE	15	

ANALYTICAL RESULTS FOR BATCH NIT-5

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0301	0823	0845		0857	5	
0302	0823	0845		0857	3	
0303	0823	0845		0858	1	
0304	0823	0845		0858	2	
0305	0823	0845		0859	1	
0306	0823	0845		0859	3	
0307	0823	0845		0900	39	
0308	0823	0845		0900	4	
0309	0823	0845		0901	0	
0310	0823	0845		0901	3	
0310 Dup	0823	0845		0902	3	
M3	0823	0845		0902	0	

Signature (Lab. Tech.)
Tim Denton

Signature (Review/Approval)
Rhonda Meltzer

*Step 2.1.2 "f" completed.
**Step 2.1.2 "f" completed.

***Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME John Metheram/R Metham SITE IDENTIFIER KRL7D154DATE 8/29/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0729
ST-2	15	0730
ST-3	14	0731
AVERAGE	14.3	

ANALYTICAL RESULTS FOR BATCH

SAMPLE ID	EXTRACT*	TIME	NITRATE		COMMENTS
			FILTER**	ANALYZE***	
0151	0830	0900	0910	4	
0152	0830	0900	0911	0	
0153	0830	0900	0912	2	
0154	0830	0900	0912	2	
0155	0830	0900	0913	1	
0156	0830	0900	0913	2	
0157	0830	0900	0914	7	
0158	0830	0900	0915	2	
0159	0830	0900	0915	2	
0160	0921	0945	0955	3	

John Metheram 8/29/94

Signature (Lab. Tech.)

John Metheram

*Step 2.1.2 "f" completed.

Signature (Review/Approval)

***Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda
Metivier SITE IDENTIFIER KR-LTD-154
DATE 8/29/94

STANDARD ANALYSES		
STANDARD	PPM	TIME
ST-1	14	0729
ST-2	15	0730
ST-3	14	0731
AVERAGE	14.3	

ANALYTICAL RESULTS FOR BATCH

SAMPLE ID	EXTRACT*	TIME	NITRATE (PPM)	COMMENTS
	FILTER**	ANALYZE***		
0161	0921 2230m	0945	0956	5
0162	0921	0945	0956	0
0163	0921	0945	0957	2
0164	0921	0945	0957	2
0165	0921	0945	0958	12
MR	NA	0945	0958	0
0166 Dup	0921	0945	0955	5

F-30

Blenda Mether 8/29/94
Signature (Lab. Tech.)

卷之三

Signature (Review/Approval)

***Step 2.2 "f" completed.

*Step 2: 2 "F" completed.

Page 1

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Nentow / Ronda Methvin
 SITE IDENTIFIER KRLTD154

DATE 8/26/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0750
ST-2	15	0751
ST-3	15	0752
AVERAGE	14.67	

ANALYTICAL RESULTS FOR BATCH AIT-3

SAMPLE ID	EXTRACT*	TIME	FILTER**	NITRATE	COMMENTS
				(PPM)	
0284	0821	0851	0916	45	
0285	0821	0851	0917	0	
0281	0821	0851	0918	3	Trouble filtering, heavy soil
0282	0821	0851	0919	0	Trouble filtering, heavy soil
0283	0821	0851	0920	3	Trouble filtering, heavy soil
0284	0821	0851	0921	48	
0285	0956	1016	1030	D	
0286	0950	1016	1031	1	
0287	0950	1016	1032	1	
0288	0950	1017	1033	0	

Signature (Lab. Tech.)

Tim Nentow
Ronda Methvin

Signature (Review/Approval)

*Step 2.1.2 "f" completed.

**Step 2.2 "f" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jean Denton/Rhonda Methvin SITE IDENTIFIER KELT DISY

DATE 8/26/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0750
ST-2	15	0751
ST-3	15	0752
AVERAGE	14.67	

ANALYTICAL RESULTS FOR BATCH NIT-3

SAMPLE ID	EXTRACT*	TIME	ANALYZE***	NITRATE (PPM)	COMMENTS
		FILTER**			
0089	0950	1017	1034	0	
0090	0950	1017	1035	1	

James P. Morris
Lydia M. Thorn

Signature (Lab. Tech.)

8/26/91

***Step 2.1.2 "I" completed.
***Step 2.2 "F" completed.

***Step 2.1.2 "F" completed.**

NITRATE FIELD SCOTTISH EVENING WORKSHEET

LAB. TECH. NAME J.R. Denton SITE IDENTIFIER KKLT0154

DATE 24 AUG 6-

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	17	1165
ST-2	15	1116
ST-3	16	1117
AVERAGE	16	

ANALYTICAL RESULTS FOR BATCH NIT - 1

Jamie Denton
Signature (Lab. Tech.)

Signature (Lab. tech.)

24 Aug 94

***Step 2.1.2 "f" completed.**

Signature (Review/Approval)

***Step 2.2 "T" completed.

**Step 2.1.2 "T" completed.

NITRATE FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton / Rhonda Methvin

SITE IDENTIFIER KRLTD154

DATE 8/25/94

STANDARD ANALYSES

STANDARD	PPM	TIME
ST-1	14	0800
ST-2	15	0801
ST-3	14	0802
AVERAGE	14	3

ANALYTICAL RESULTS FOR BATCH NIT-2

SAMPLE ID	EXTRACT*	TIME	FILTER**	ANALYZE***	NITRATE (PPM)	COMMENTS
0278	08.39	0850	0908	7		
0279	08.39	0850	0909	2		
0280	08.39	0850	0910	1		
0281	08.39	0850	0911	8		
0282	08.39	0850	0912	2		
0283	08.39	0850	0913	2		

F-34

Signature (Review/Approval)

Signature (Lab. Tech.)

Step 2.1.2 "r" completed.
25 Aug 98

***Step 2.2 "f" completed.

*Step 2.1.2 "F" completed.

9/20/14

LAB. TECH. NAME Jim Denton / Rhonda Methvin
 DATE 9/20/14

SITE IDENTIFIER K2 LT 0154
 BATCH NUMBER TLC-19

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1035	—	
Standard 1	800 PETN	0950	9	In acetone range
Standard 2	1000 PETN	0957	9	In acetone range
Standard 3	100 Diesel	1005	9	In hexane range
Standard 4	500 Diesel	1014	9	In hexane range
Soil Blank	100000 Diesel	—	—	—
Matrix Spike	4000 PETN	1020	9	In acetone & hexane range
Blank Spike Replicate	10000 Diesel 4000 PETN	1028	9	In acetone & hexane range

D-35

Rhonda Methvin
 Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

11-22-11

SAMPLES					
ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0213	—	—	Benz	—	—
0214	0940	5.1	4	G	
0215	0947	5.1	4	G	
0216	0955	5.0	4	G	
0217	1003	5.1	4	G	
0218	1011	5.1	4	G	
0219	1019	5.1	4	G	
0220	1045	5.1	4	G	
0220 dup	1053	5.1	4	G	
0221	1026	5.1	4	G	
0222	1033	5.0	4	G	

Dhruv Mehta
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

Rhonda Mather
signature (lab Tech)

Signature (Review/Approval)

signature || ab Tech

9/19/94

LAB. TECH. NAME Jim Denton / Rhonda Methven
 SITE IDENTIFIER KRLTD154
 DATE 9/19/94
 BATCH NUMBER TLC-18

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1113	-	
Standard 1	800 PETN	1025	9	In acetone range
Standard 2	1000 PETN	1030	9	In acetone range
Standard 3	100 Diesel	1036	9	In hexane range
Standard 4	500 Diesel	1044	9	In hexane range
Soil Blank	-	-	-	
Matrix Spike	-	-	-	
Replicate	-	-	-	

11
12
13

Rhonda Methven
 Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0143	0958	5.0	4	0	
0144	1004	5.0	4	0	
0145	1011	5.0	4	0	
0146	1017	5.0	4	0	
0147	1025	5.0	4	0	
0148	1031	5.0	4	0	
0149	1039	4.9	4	0	
0150	1046	5.0	4	0	
0206	1115	5.0	4	0	
0207	1120	4.9	4	0	
0208	1126	5.0	4	0	

Dhruv Mehta

Signature (Lab Tech)

Signature (Review/Approval)

SAMPLES

Phenak Methun Signature (Lab Tech)

Signature (Lab Tech)

Signature (Review/Approval)

F-4D

9/16/94

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Dina Mithun
 DATE 9/16/94

SITE IDENTIFIER KR11D54
 Matrix Methane

BATCH NUMBER TLC - 17

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1348	0	
Standard 1	800 PETN	1210	9	In acetone range
Standard 2	1000 PETN	1220	9	In acetone range
Standard 3	100 Diesel	1230	9	In hexane range
Standard 4	500 Diesel	1240	9	In hexane range
Soil Blank	NR	NR	0	
0.140	100000 Diesel			
Matrix Spike	4000 PETN	1255	9	In acetone & hexane range
Blank Spike	10000 Diesel			
Replicate	4000 PETN	1306	9	In acetone & hexane range

F-41

Dina Mithun
 Signature (Lab Tech)

Signature (Review/Approval)

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0131	1232	5.1	4	θ	
0132	1239	5.1	4	θ	
0133	1246	5.0	4	θ	
0134	1253	5.1	4	θ	
0135	1255	5.0	4	θ	
0136	1305	5.1	4	θ	
0137	1311	5.0	4	θ	
0138	1316	5.0	4	θ	
0139	1322	5.1	4	θ	
0140	1453	5.0	4	θ	
0146 Dsp	1458	5.1	4	θ	

Dharmendra

Signature (Lab Tech)

Signature (Review/Approval)

SAMPLES

Rhonda Mether
Signature (Lab Tech)

Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Proba Methvin
 SITE IDENTIFIER KELTUS4
 DATE 9/16/94
 BATCH NUMBER TLC-17

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1320	0	
Standard 1	800 PETN	1205	9	In acetone range
Standard 2	1000 PETN	1215	9	In acetone range
Standard 3	100 Diesel	1225	9	In hexane range
Standard 4	500 Diesel	1235	9	In hexane range
Soil Blank		1315	0	
0040 4.91	10000 Diesel			
Matrix Spike	4000 PETN	1245	9	In acetone & hexane range
Blank Spike	10000 Diesel	1301	9	In acetone & hexane range
Replicate	4000 PETN			

F-44

Denton Methvin
 Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES						
ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes	
0031	1130	5.0	4	0		
0032	1136	5.1	4	0		
0033	1141	5.0	4	0		
0034	1148	4.9	4	0		
0035	1158	5.1	4	0		
0036	1205	5.0	4	0		
0037	1211	5.0	4	0		
0038	1218	4.9	4	0		
0039	1225	5.0	4	0		
0040	1325	5.1	4	0		
0040 dup	1335	5.1	4	0		

Dhruva Mehta
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Linda Denton / Rhonda Methvin
 DATE 9/15/94

SITE IDENTIFIER KRLT1154
 BATCH NUMBER TNT-16

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1336	0	
Standard 1	800 PETN	1254	9	In acetone range
Standard 2	1000 PETN	1305	9	In acetone range
Standard 3	100 Diesel	1312	9	In hexane range
Standard 4	500 Diesel	1318	9	In hexane range
Soil Blank	100000 Diesel 1000 PETN			
Matrix Spike	100000 Diesel 4000 PETN	1325	9	In hexane & acetone range
Blank Spike Repetitive	100000 Diesel 4000 PETN	1333	9	In hexane & acetone range

Rhonda Methvin
 Signature (Lab Tech)

Signature (Review/Approval)

SAMPLES					
ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0001	1135	5.1	4	G	
0002	1146	5.1	4	G	
0003	1155	5.1	4	G	
0004	1204	5.1	4	G	
0005	1212	5.1	4	G	
0006	1220	5.1	4	G	
0007	1227	5.0	4	G	
0008	1233	5.0	4	G	
0009	1239	5.1	4	G	
0010	1245	5.0	4	G	
0011	1248	5.1	4	G	

Rhonda Mether
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
OC12	1259	5.1	4	0	
OC13	1307	5.0	4	0	
OC14	1315	5.1	4	0	
OC15	1321	5.1	4	0	
OC16	1329	4.9	4	0	
OC17	1336	5.0	4	0	
OC18	1343	5.0	4	0	
OC19	1350	5.0	4	0	
OC20	1343	4.9	4	0	
OC20 dup	1350	5.1	4	0	
OC21	1355	5.1	4	0	

Rhonda Mether

Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCENARIOS WORKSHEET

SAMPLES						Notes
ID	Spot Time	Sample (grams)	Solvent (mL)	Rf		
0022	1405	5.0	4	5		
0023	1413	5.1	4	0		
0024	1419	5.0	4	0		
0025	1426	5.1	4	0		
0026	1428	4.9	4	0		
0027	1359	5.0	4	0		
0028	1407	4.9	4	0		
0029	1414	5.1	4	0		
0030	1423	5.1	4	0		

Diamond Methuen
Signature (Lab Tech)

Signature (Lab Tech)

Signature (Review/Approval)

F-49

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME J. Denton / Rhonda Methvin
 SITE IDENTIFIER KELT-154
 DATE 9/14/94
 BATCH NUMBER KELT-15

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1241	e	
Standard 1	800 PETN	1155	9	In acetone range
Standard 2	1000 PETN	1203	9	In acetone range
Standard 3	100 Diesel	1207	9	In hexane range
Standard 4	500 Diesel	1215	9	In hexane range
Soil Blank	e	1234	e	
Matrix Spike	10000 PETN	1222	9	In acetone & hexane range
Blank Spike Replicate	10000 Diesel 4000 PETN	1228	9	In acetone & hexane range

Rhonda Methvin
 Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0061	1321	5.0	4	↑	Slight indication of hexane residue, will re-run
0062	1328	5.0	4	↔	
0063	1335	5.0	4	↔	
0064	1344	5.0	4	↔	
0065	1351	4.9	4	↔	
0066	1400	5.0	4	↔	
0067	1408	5.1	4	↔	
0068	1415	5.1	4	↔	
0069	1421	5.0	4	↔	Slight indication will re-run to verify
0070	1429	5.1	4	↔	
0071	1340	5.1	4	↔	

D. Mether
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES					
ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0072	1343	5.1	4	E	
0073	1353	5.0	4	E	
0074	1401	5.0	4	E	
0075	1249	4.9	4	E	
0076	1255	5.1	4	E	
0077	1303	5.0	4	E	
0078	1314	5.1	4	E	
0079	1321	5.0	4	E	
0080	1327	5.1	4	E	
0080 dup	1335	5.1	4	E	

Slight indication in Rf value range will require re-run

Dhruva Mehta
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCOTTENING WORKSHEET

Renuka Methum
Signature (Lab Tech)

Signature (Lab Tech)

Signature (Review/Approval)

Re-run from 9/13/94

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0041	1450	5.0	4	9	In acetone range
0043	1500	5.0	4	9	In acetone range
0046	1507	5.0	4	9	In acetone range
0048	1517	5.0	4	9	In acetone range
0049	1526	5.1	4	9	In acetone range
0056	1534	5.0	4	9	In acetone range
0057	1544	5.0	4	9	In acetone range
0058	1552	5.1	4	9	In acetone range
0059	1603	5.0	4	9	In acetone range
0060	1615	5.1	4	9	In acetone range

F. S4

Dhurda Mether
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton/Rhonda Methvin
 DATE 9/13/94

SITE IDENTIFIER KRUTIUS 4
 BATCH NUMBER TLC-13

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1743	e	
Standard 1	800 PETN	1645	9	In acetone & hexane
Standard 2	1000 PETN	1655	9	In acetone & hexane
Standard 3	100 Diesel	1703	9	In hexane & range
Standard 4	500 Diesel	1709	9	In hexane & range
Soil Blank	N/A	1733	e	
Matrix Spike	10000 Diesel PETN	1719	9	In acetone & hexane range
Blank Spike	4000 Diesel PETN	1724	9	In acetone & hexane range &
RePLICATE	10000 Diesel PETN			

Rhonda Methvin
 Signature (Lab Tech)

Signature (Review/Approval)

SAMPLES					
ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0111	1237	5.1	4	⊖	
0112	1244	5.1	4	⊖	
0113	1253	5.1	4	⊖	
0114	1300	5.1	4	⊖	
0115	1308	5.0	4	⊖	
0116	1322	5.1	4	⊖	
0117	1330	5.0	4	⊖	
0118	1337	5.1	4	⊖	
0119	1345	5.1	4	⊖	
0120	1740	5.1	4	⊖	
0120 Dif	1750	5.0	4	⊖	

Phoebe Mather

Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0121	1352	5.1	4	Ø	
0122	1358	4.9	4	Ø	
0123	1404	5.1	4	Ø	
0124	1410	5.1	4	Ø	
0125	1417	5.1	4	Ø	
0126	1424	5.1	4	Ø	
0127	1430	5.0	4	Ø	
0128	1436	5.0	4	Ø	
0129	1442	5.0	4	Ø	
0130	1447	5.1	4	Ø	

Danish Mathews
Signature (Lab Tech)

Signature (Review/Approval)

LAB. TECH. NAME Jim Denton / Rhonda Methvin
 DATE 9/13/14

SITE IDENTIFIER KRLID54
 BATCH NUMBER TLC-14

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A		0	
Standard 1	800 PETN	1647	9	
Standard 2	1000 PETN	1657	9	
Standard 3	100 Diesel	1705	9	
Standard 4	500 Diesel	1711	9	
Soil Blank	100000 Diesel	—	—	—
Matrix Spike	4000 PETN	1721	9	
Blank Spike Replicate	10000 Diesel 4000 PETN	1723	9	

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Rhonda Methvin
 Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0041	1535	5.0	4	9	In acetone range will re-run 9/14
0042	1542	5.1	4	6	
0043	1549	5.0	4	9	In acetone range will re-run 9/14
0044	1554	5.1	4	6	
0045	1601	4.9	4	6	
0046	1608	5.0	4	9	In acetone range will re-run 9/14
0047	1615	5.0	4	6	
0048	1621	5.0	4	9	In acetone range will re-run 9/14
0049	1628	5.1	4	9	In acetone range will re-run 9/14
0050	1635	5.1	4	6	
0051	1643	5.1	4	6	

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Dunbar Mather
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES						Notes
ID	Spot Time	Sample (grams)	Solvent (mL)	Rf		
0052	1648	5.0	4	0		
0053	1654	5.0	4	0		
0054	1701	4.9	4	0		
0055	1708	5.1	4	0		
0056	1714	5.0	4	9	In acetone range.	will re-run 9/14
0057	1719	5.0	4	9	In acetone range.	will re-run 9/14
0058	1729	5.1	4	9	In acetone range	will re-run 9/14
0059	1735	5.0	4	9	In acetone range.	will re-run 9/14
0060	1733	5.0	4	9	In acetone range	will re-run 9/14
0060 Dup	1743	5.1	4	9	In acetone range	will re-run 9/14

Rhonda Mether
Signature (Lab Tech)

Signature (Review/Approval)

PFTN FIELD SCREENING WORKSHEET

9/12/94

LAB. TECH. NAME Jim Denton / Rhonda Metheran
 SITE IDENTIFIER KRLTD154
 DATE 9/12/94
 BATCH NUMBER TLC-12

QUALITY ASSURANCE/QUALITY CONTROL				
Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1218	0	
Standard 1	8000 PFTN	1125	q	
Standard 2	10000 PFTN	1134	q	
Standard 3	500 Diesel	1154	q	
Standard 4	100 Diesel	1144	q	
Soil Blank	N/A	N/A	N/A	
50% Matrix Spike	100000 Diesel 40000 PFTN	1212	q	
Blank Spike	100000 Diesel 40000 PFTN	1203	q	
Replicate				

Rhonda Metheran
J. Denton
 Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

9/12/94

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0091	1040	5.0	4	0	
0092	1046	5.1	4	0	
0093	1053	5.1	4	0	
0094	1115	5.0	4	0	
0095	1124	5.0	4	0	
0096	1137	5.1	4	0	
0097	1146	5.0	4	0	Only shows when developed in acetone
0098	1155	5.0	4	0	In acetone range. Return to confirm
0099	1203	5.1	4	0	
0100	1225 +225	3.1	4	0	
0100 dup	1235	5.1	4	0	

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Danah Mather
Signature (Lab Tech)
C. Danner

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

1/12/14

SAMPLES					
ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0101	1212	5.0	4	θ	
0102	1218	5.0	4	θ	
0103	1226	5.0	4	θ	
0104	1234	5.1	4	θ	
0105	1240	5.0	4	θ	
0106	1247	5.0	4	θ	
0107	1257	5.0	4	θ	
0108	1243	5.1	4	θ	
0109	1253	5.0	4	θ	
0110	1300	5.0	4	θ	Only shows when developed in acetone range
0097-REF	1335	5.0	4	θ	In acetone range

Dilution Method
Signature (Lab Tech)
Tom Hart

Signature (Review/Approval)

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PETN FIELD SCREENING WORKSHEET

9/9/94

LAB. TECH. NAME Jm Nelson / Rhonda Metheran
 DATE 9/9/94

SITE IDENTIFIER KPLD-51BATCH NUMBER TLC-11

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1253	0	
Standard 1	800 PETN	1155	9	Acetone & RPETN range
Standard 2	1000 PETN	1200	9	Acetone & RPETN range
Standard 3	100 Diesel	1207	9	Acetone & hexane range
Standard 4	500 Diesel	1215	9	Acetone & hexane range
Soil Blank	N/A	1240	0	
5.1g Matrix Spike	100,000 Diesel 4,000 PETN	1223	9	Acetone & hexane range
Blank Spike Replicate	100,000 Diesel 4,000 PETN	1231	9	Acetone & hexane range

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Rhonda Metheran
 Signature (Lab Tech)
J. Denton

Signature (Review/Approval)

Page 1

PETN FIELD SCREENING WORKSHEET

9/9/94

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0186	1131	5.1	4	0	
0187	1138	5.1	4	0	
0188	1145	5.0	4	0	
0189	1157	5.0	4	0	
0190	1210	5.0	4	0	
0191	1220	5.1	4	0	
0192	1230	5.1	4	0	
0193	1237	5.0	4	0	At acetone line, will run to verify
0194	1247	5.0	4	0	
0195	1255	5.1	4	0	
0196	1301	5.1	4	0	

Darla Methuen
Signature (Lab Tech)
J. Linton

Signature (Review/Approval)

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SAMPLES					
ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0197	1310	5.1	4	0	
0198	1315	5.0	4	0	
0199	1323	5.1	4	0	
0200	1301	5.0	4	0	
0200 Dup	1310	5.1	4	0	
0201	1317	5.1	4	0	
0202	1325	5.0	4	0	
0203	1334	5.1	4	0	
0204	1330	5.1	4	0	
0205	1335	5.1	4	0	
0193 RE	1400	5.0	4	9	In acetone area

Diane Miller
Signature (Lab Tech)
Jim Dins

Signature (Review/Approval)

PFTN FIELD SCREENING WORKSHEET

9/8/14

LAB. TECH. NAME Jim Denton Rhonda Methan SITE IDENTIFIER KRLTD154
 DATE 9/8/14 BATCH NUMBER TLC-10

QUALITY ASSURANCE/QUALITY CONTROL				
Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	12:30	Q	
Standard 1	800 PFTN	11:33	9	
Standard 2	1000 PFTN	11:43	9	
Standard 3	500 Diesel	11:50	9	
Standard 4	1000 Diesel	12:00	9	
Soil Blank	N/A	N/A	N/A	
Matrix Spike	100,000 Diesel 4000 PETN	12:10	9	
Blank Spike Reuplicate	100,000 Diesel 4000 PETN	12:20	9	

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Dhunk Methan
 Signature (Lab Tech)
Zin Linton

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

9/8/91

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0166	1125	5.0	4	0	
0167	1133	5.1	4	0	
0168	1145	5.1	4	0	
0169	1155	5.0	4	0	
0170	1203	5.1	4	0	
0171	1208	5.0	4	0	
0172	1215	5.0	4	0	
0173	1225	5.1	4	0	
0174	1232	5.1	4	0	
0175	1241	5.1	4	0	
0176	1250	5.1	4	0	

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Dhruva Methra
Signature (Lab Tech)
J. Linton

Signature (Review/Approval)

9/8/94

PETN FIELD SCREENING WORKSHEET

SAMPLES					
ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0177	1259	5.1	4	0	
0178	1305	5.1	4	0	
0179	1240	5.1	4	0	
0180	1250	5.1	4	0	
0180 Dup	1257	5.0	4	0	
0181	1307	5.1	4	0	
0182	1312	5.1	4	0	
0183	1320	5.0	4	0	
0184	1313	5.1	4	0	
0185	1320	5.0	4	0	

Dhruv Methra
Signature (Lab Tech)
Sam Linton

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denlon / Rhonda Metheran
 DATE 9/6/94

SITE IDENTIFIER KRLTD154
 BATCH NUMBER TLC-9

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1153	0	
Standard 1	PETN 800	0955	9	
Standard 2	PETN 1000	1003	9	
Standard 3	Diesel 1 500	1015	9	
Standard 4	Diesel 1 1000	1024	9	
Soil Blank		1140	0	
Matrix Spike	Diesel 1 100,000 PETN 4000	1054	9	
Blank Spike	Diesel 1 100,000 PETN 4000	1045	9	
Reptile				

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Rhonda Metheran
 Signature (Lab Tech)
Jin Linton

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES						
ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes	
0266	1003	5.1	4	θ		
0267	1012	5.1	4	θ		
0268	1019	5.0	4	θ		
0269	1028	5.1	4	θ		
0270	1035	5.1	4	θ		
0296	1045	5.0	4	θ		
0297	1055	5.1	4	θ		
0298	1140	5.1	4	θ		
0299	1200	5.0	4	θ		
0300	1147	5.0	4	θ		
0300 D14	1155	5.0	4	θ		

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Dhruva Melkha
Signature (Lab Tech)
David Smith

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jin Denton/Rhonda Metherite IDENTIFIER KRLTD154
 DATE 9/2/94 BATCH NUMBER TLC-8

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	1200	Ø	
Standard 1	PETN 800	111.5	9	
Standard 2	PETN 1000	112.5	9	
Standard 3	DIESEL 500	113.5	9	
Standard 4	DIESEL 1000	114.5	9	
Soil Blank	100000 Diesel			
Matrix Spike	4000 PETN	1210	9	
Blank Spike Replicate	100000 Diesel 4000 PETN	1220	9	

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Rhonda Metherite
 Signature (Lab Tech)
Jin Denton

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES						Notes
ID	Spot Time	Sample (grams)	Solvent (mL)	Rf		
0251	1228	5.1	4	θ		
0252	1240	5.1	4	θ		
0253	1250	5.1	4	θ		
0254	1255	5.0	4	θ		
0255	1255	5.1	4	θ		
0256	1115	5.1	4	θ		
0257	1123	5.1	4	θ		
0258	1133	5.1	4	θ		
0259	1140	5.0	4	θ		
0260	1150	5.1	4	θ		
	1200	5.0	4	θ		

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Brenda Methum
Signature (Lab Tech)
Jim Hunter

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

Dina McElroy
Signature (Lab Tech)
Zain Denton

signature (Lab Tech)


Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton/Rhonda Methvin SITE IDENTIFIER KRUDIS-4DATE 9/1/94BATCH NUMBER TLC-7

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	12:30	Q	
Standard 1	PETN 800	11:35	9	
Standard 2	PETN 1000	11:50	9	
Standard 3	DIESEL 500	12:10	9	
Standard 4	DIESEL 1000	12:20	9	
Soil Blank	NA	12:40	Q	
Matrix Spike	10000 Diesel 4000 PETN	13:05	9	
Blank Spike	10000 Diesel 4000 PETN	12:55	9	
Replicate				

Rhonda Methvin
Signature (Lab Tech)
Tim Denton

Signature (Review/Approval)

9/1, / 94

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0238	1313	5.0	4	0	
0239	1325	5.0	4	0	
0240	1335	5.1	4	0	
0240 Dup	1345	5.1	4	0	
0241	1340	5.0	4	0	
0242	1135	5.0	4	0	
0243	1150	5.0	4	0	
0244	1155	5.0	4	0	
0245	1205	5.0	4	0	
0286	1213	5.0	4	0	
0287	1220	5.0	4	0	

Diane Mether

 Signature (Lab Tech)

 Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

9/1/94

SAMPLES					
ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0288	1230	5.1	4	0	
0289	1240	5.1	4	0	
0290	1250	5.1	4	0	
0291	1259	5.0	4	0	
0292	1306	5.1	4	0	
0293	1313	5.1	4	0	
0294	1320	5.0	4	0	
0295	1326	5.0	4	0	

Dherick Melkman
Signature (Lab Tech)
Jean Lenton

Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tina Denton / Rhonda Metheran
 DATE 8/31/94

SITE IDENTIFIER KRLTQJ54BATCH NUMBER TLC-6

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	12:00		
Standard 1	PETN 800	10:00		
Standard 2	PETN 1000	10:21		
Standard 3	DIESEL SOC	10:31		
Standard 4	DIESEL 1000	10:45		
Soil Blank				
Matrix Spike				
Replicate				

*Jin Linton
Rhonda Metheran* 8/31/94
Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0226	1210	5.0	4	0	
0227	1220	5.0	4	0	
0228	1230	5.1	4	0	
0229	1240	5.0	4	0	
0230	1250	5.0	4	0	
0231	1255	5.1	4	0	Acetone & Hexane strong indication Recut 8/31
0232	1010	5.0	4	0	
0233	1020	5.0	4	0	
0234	1030	5.1	4	0	
0235	1040	5.0	4	0	
0236	1050	5.1	4	0	

Jim DentonDonda McIlhenny 8/31/94

Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

ID	Spot Time	Sample (grams)	SAMPLES			Notes
			Solvent (mL)	Rf		
0237	1200	5.1	4	0		
0271	1206	5.0	4	0		
0272	1216	5.1	4	0		
0273	1326	5.1	4	0		
0274	1236	5.0	4	0		
0275	1246	5.1	4	0		
0231 R	1330	5.1	4	0		hexane range. Positive

Jini Denton

Rhonda Methum 03/1994

Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tina Denton / Rhonda Methvin SITE IDENTIFIER KRUTD15c1
TLC
 BATCH NUMBER DFT-5

DATE 8/30/94

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	113.5	0	
Standard 1	PETN 800	1000	9 (A)	Acetone
Standard 2	PETN 1000	101.5	9 (A)	Acetone
Standard 3	DIESEL 500	103.5	9	Hexane
Standard 4	DIESEL 1000	113.0	9	Hexane
Soil Blank	NA	115.5	0	
Matrix Spike	100000 DIESEL 40000 PETN	120.9	9	Acetone & Hexane
BLANK SPIKE	100000 Diesel	122.3	9	Acetone & Hexane
RePLICATE	4000 PETN			

Tina Denton
Rhonda Methvin

Signature (Lab Tech)

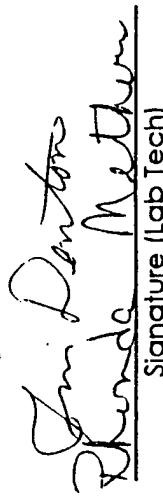
Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES					
ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0301	1245	5.0	4	6	
0302	1237	5.0	4	6	
0303	1215	5.0	4	6	
0304	1010	5.1	4	6	
0305	1025	5.0	4	6	
0306	1037	5.1	4	6	
0307	1135	5.0	4	6	
0308	1135	5.1	4	6	
0309	1150	5.0	4	6	
0310	1203	5.0	4	6	
0310	1215	5.0	4	6	

Signature (Review/Approval) _____

Signature (Lab Tech) _____



PETN FIELD SCREENING WORKSHEET

8/29/94

LAB. TECH. NAME Tim Denton / Rhonda Metham SITE IDENTIFIER KR LTD 154
 DATE 8/29/94 BATCH NUMBER PETN-TLC-4

QUALITY ASSURANCE/QUALITY CONTROL					
Type	Concentration/ID	Spot Time	Rf	Notes	
Method Blank	N/A	1410	0		
Standard 1	PETN 800	1225	9	Acetone	
Standard 2	PETN 1000	1240	9	Acetone	
Standard 3	DIESEL 100	1255	9	Hexane	
Standard 4	DIESEL 500	1310	9	Hexane	
Soil Blank	None	1325	0		
Matrix Spike	PETN 400 Diesel 500	1340	9	Acetone & Hexane	
Blank Spike Reuplicate	PETN 400 Diesel 500	1355	9	Acetone & Hexane	

Attached Blank Notes: RM
Tim Denton
Rhonda Metham

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

8/29/94

SAMPLES					
ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0081	1425	5.1	4	⊖	
0082	1440	5.0	4	⊖	
0087	1455	5.0	4	⊖	
0088	1525	5.0	4	⊖	
0090	1540	5.0	4	⊖	
0151	1510	5.1	4	⊖	
0152	1525	5.1	4	⊖	
0153	1535	5.1	4	⊖	
0154	1545	5.0	4	⊖	
0155	1225	5.0	4	⊖	
0156	1240	5.0	4	⊖	

Signature (Review/Approval)

Signature (Lab Tech)

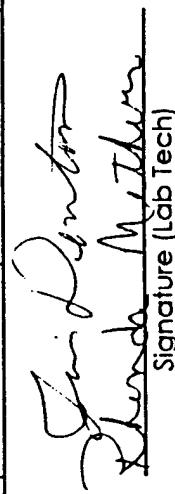
Jim Denton
Dennis Muthuram

PETN FIELD SCREENING WORKSHEET

2/22/94

SAMPLES					
ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0157	1255	5.1	4	0	
0158	1310	5.0	4	0	
0159	1325	5.0	4	0	
0160	1340	5.0	4	0	
0161	1355	5.1	4	0	
0162	1410	5.0	4	0	
0163	1425	5.0	4	0	
0164	1440	5.0	4	0	
0165	1455	5.0	4	0	
0160 dup	1510	5.0	4	0	

Signature (Review/Approval)



Linda M. Thorne

Signature (Lab Tech)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME J. Newton / Rhonda
 DATE 8/26/94

SITE IDENTIFIER KRLT DIS-1
 BATCH NUMBER TLC
555-3

QUALITY ASSURANCE/QUALITY CONTROL				
Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A			
Standard 1	800 ppm PETN	1245	9	Acetone
Standard 2	1000 ppm PETN	1300	9	Acetone
Standard 3	100 ppm Diesel	1315	9	Hexane
Standard 4	500 ppm Diesel	1330	9	Hexane
Soil Blank	N/A			
Matrix Spike	N/A			
Replicate	N/A			

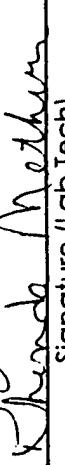
Eric J. Newton
Rhonda Metheran
 Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES

ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0276	1400	5.1	4	0	
0277	1415	5.1	4	0	
0284	1430	4.9	5	0	Added Na ₂ SO ₄
0285	1445	4.9	4	0	
0081	1500	5.1	4	0	
0084	1515	5.1	4	0	
0085	1530	5.0	4	0	
0086	1545	5.1	4	0	
0083	1600	5.0	4	0	
0087	1615	5.1	4	0	
0088	1630	5.1	4	0	



Linda Denton
Linda Matherne

Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCALING WORKSHEET

Dr. Denton
Derrick McPherson

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin
 DATE 8/25/94

SITE IDENTIFIER KRLTD154
 BATCH NUMBER TLC-2

QUALITY ASSURANCE/QUALITY CONTROL				
Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A	12:15	∅	
Standard 1	PETN 200	12:39	9	Acetone
Standard 2	PETN 400	12:53	9	Acetone
Standard 3	Diesel 100	13:10	9	Hexane
Standard 4	Diesel 500	13:27	9	Hexane
Soil Blank				
Matrix Spike	100,000 Diesel PETN 4000 ppm PETN	/545	9	Acetone
Replicate				

Jim Denton

Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCREENING WORKSHEET

SAMPLES					
ID	Spot Time	Sample (grams)	Solvent (mL)	Rf	Notes
0274	1339	5.0	4mL	2.9	(hexane) strong hydrocarbon
0277	1355	5.1	4mL	2.9	(hexane) indication
0278	1410	5.0	4mL	θ	
0279	1427	5.0	4mL	θ	
0280	1440	5.1	4mL	θ	
0281	1455	5.6	4mL	θ	
0282	1500	5.0	4mL	θ	
0283	1515	5.1	4mL	θ	
0280 MS	1530	5.1	4mL	θ	
0280 DP	1530	5.0	4mL	θ	

Signature (Review/Approval) _____


Linda Mithun
 Signature (Lab Tech)

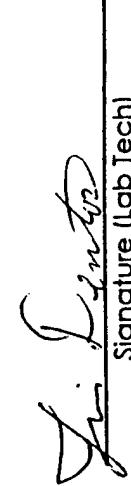
LAB. TECH. NAME A. Howard
DATE 24 Aug 94

SITE IDENTIFIER KCLSD 154
BATCH NUMBER TLC 1

QUALITY ASSURANCE/QUALITY CONTROL

Type	Concentration/ID	Spot Time	Rf	Notes
Method Blank	N/A			No detection
Standard 1	40 ppm PETN			No indication
Standard 2	32 ppm PETN			No indication
Standard 3	100 ppm Dinitro			VIS, b/p
Standard 4	500 ppm Dinitro			VIS, b/p
Soil Blank	N/A			
Matrix Spike	N/A			
Replicate	N/A			

F-91


Signature (Lab Tech)

Signature (Review/Approval)

PETN FIELD SCHOOL--NING WORKSHEET

F-92

 Dr. Denton
Signature Hab Tech

Signature (Lab Tech)

Signature (Review/Approval)

Page 2

9/20/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Meltzer
 DATE 9/20/94

SITE IDENTIFIER KRLIN154BATCH NUMBER TNT-19TIME 0826Abs(background) 0.000 Abs(control) 0.355

1 Sample ID	2 Abs(initial)	3 Abs (sample)	4 Abs (initial) x 4	5 Abs (final) [col. 3 - col. 4]	6 TNT Conc. PPM [col. 5/0.0323]
0214	0.000	0.002	0.000	0.002	0.062
0215	0.000	0.005	0.000	0.005	0.155
0216	0.000	0.001	0.000	0.001	0.031
0217	0.001	0.002	0.004	- 0.002	0
0218	0.001	0.003	0.004	- 0.001	0
0219	0.001	0.002	0.004	- 0.002	0
0220	0.001	0.003	0.004	- 0.001	0
0220 Dup	0.001	0.003	0.004	- 0.001	0
0221 Meltzer	0.001	0.002	0.004	- 0.002	0
0221	0.001	0.002	0.004	- 0.002	0
0222	0.001	0.003	0.004	- 0.001	0

Rhonda Meltzer
 Signature (lab tech)

Signature (review/approval)

9/20/44

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin
DATE 9/20/94

SITE IDENTIFIER KRLTD154
BATCH NUMBER TNT-19

Abs(background) 0.000 Abs(control) 0.355

Abs(background) 0.000 Abs(control) 0.355

Rhonda Methuen
Signature (lab tech)

Signature (lab tech)

Signature (review/approval)

9/19/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denholz / Rhonda Methvin
 DATE 9/19/94

SITE IDENTIFIER KRLTD154
 BATCH NUMBER TNT-19

TIME 0928Abs(background) 0.001 Abs(control) 0.349

1038

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0143	0.002	0.003	0.008	-0.005	0
0144	0.002	0.004	0.008	-0.004	0
0145	0.003	0.004	0.012	-0.008	0
0146	0.003	0.004	0.012	-0.008	0
0147	0.003	0.004	0.012	-0.008	0
0148	0.003	0.004	0.012	-0.008	0
0149	0.004	0.008	0.016	-0.008	0
0150	0.004	0.005	0.016	-0.011	0
0206	0.004	0.007	0.016	-0.009	0
0207	0.005	0.007	0.020	-0.013	0
0208	0.004	0.009	0.016	-0.007	0

Rhonda Methvin
 Signature (lab tech)

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

9/19/94

LAB. TECH. NAME Jim Denton / Rhonda-
Methvin
DATE 9/19/94

SITE IDENTIFIER KRLTD 154

BATCH NUMBER TNT-18

TIME 0928

Abs(background) 0.001 Abs(control) 0.349

Pherda Methen
Signature (lab tech)

Signature (lab tech)

Signature (review/approval)

9/16/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin
 DATE 9/16/94

SITE IDENTIFIER KRLTD154BATCH NUMBER TNT-17TIME 1000Abs(background) 0.001 Abs(control) 1.367

1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4] TNT Conc. PPM [col. 5/0.0323]
10	0031	0.001	0.002	0.004	- 0.002
9.9	0032	0.001	0.002	0.004	- 0.002
10	0033	0.000	0.001	0	0.001
9.9	0034	0.002	0.009	0.008	0.001
10	0035	0.001	0.007	0.004	0.003
10	0036	0.001	0.003	0.004	- 0.001
9.9	0037	0.000	0.002	0	0.002
9.9	0038	0.001	0.003	0.004	- 0.001
9.9	0039	0.001	0.003	0.004	- 0.001
10	0040	0.001	0.003	0.004	- 0.001
10.1	CCW/C Dup	0.001	0.003	0.004	- 0.001

Rhonda Methvin

Signature (lab tech)

Jim Denton

Signature (review/approval)

9/16/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin
 DATE 9/16/94

SITE IDENTIFIER KRLTD154BATCH NUMBER TNT-17TIME 1000Abs(background) 0.001 Abs(control) 0.367

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
10.01 Blank	0.001	0.004	0.004	-	-
10.0131	0.001	0.002	0.004	-0.002	-
10.0132	0.001	0.002	0.004	-0.002	-
10.0133	0.001	0.003	0.004	-0.001	-
9.90134	0.003	0.012	0.012	-	-
10.10135	0.001	0.003	0.004	-0.001	-
10.0136	0.001	0.005	0.004	+0.001	0.031
9.90137	0.004	0.010	0.016	-0.006	-
10.0138	0.001	0.004	0.004	-	-
10.0139	0.001	0.002	0.004	-0.002	-
9.90140	0.002	0.009	0.008	+0.001	0.031

Rhonda Methvin

Signature (lab tech)

Jim Denton

Signature (review/approval)

9/16/15

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin
DATE 9/16/94

SITE IDENTIFIER KRLTD154

BATCH NUMBER TNT-17

TIME 1000

Abs(background) 0.001 Abs(control) 0.367

Rhonda Methuen

Signature (lab tech)

Doris Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

9/15/94

LAB. TECH. NAME Jm Denton / Rhonda Methvin SITE IDENTIFIER KRL TIA 154
 DATE 9/15/94 BATCH NUMBER TNT- 16

TIME 1013Abs(background) 0.000 Abs(control) 0.354

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0001	0.007	0.009	0.028	-0.019	0
0002	0.000	0.002	0.000	0.002	0.062
0003	0.001	0.004	0.004	0	0
0004	0.000	0.003	0.000	0.003	0.093
0005	0.001	0.004	0.004	0	0
0006	0.000	0.003	0.000	0.003	0.093
0007	0.000	0.001	0.000	0.001	0.031
0008	0.001	0.005	0.004	0.001	0.031
0009	0.000	0.003	0.000	0.003	0.093
0010	0.000	0.003	0.000	0.003	0.093
0011	0.000	0.001	0.002	0.001	0.031

Rhonda Methvin

Signature (lab tech)

Jm Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

9/15/94

LAB. TECH. NAME Jim Denton/Rhonda Methwin
 DATE 9/15/94

SITE IDENTIFIER KRLTN54BATCH NUMBER TNT-16TIME 1013Abs(background) 0.000 Abs(control) 0.354

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0012	0.002	0.004	0.008	-0.004	0
0013	0.000	0.004	0.000	0.004	0.124
0014	0.001	0.001	0.004	-0.002	0
0015	0.000	0.003	0.000	0.003	0.093
0016	0.001	0.001	0.004	-0.003	0
0017	0.001	0.002	0.004	-0.002	0
0018	0.001	0.002	0.004	-0.002	0
0019	0.002	0.002	0.008	-0.006	0
0020	0.001	0.002	0.004	-0.002	0
0020 Dup	0.001	0.002	0.004	-0.002	0
0021	0.001	0.003	0.004	-0.001	0

Rhonda Methwin

Signature (lab tech)

Jim Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

9/15/94

LAB. TECH. NAME Jim Denton / Rhonda Methvin
 DATE 9/15/94

SITE IDENTIFIER KRLTB154BATCH NUMBER TNT-16TIME 1013Abs(background) 0.001 Abs(control) 0.354

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0022	0.001	0.003	0.004	- 0.001	0
0023	0.005	0.015	0.020	- 0.005	0
0024	0.001	0.001	0.004	0	0
0025	0.000	0.004	0.000	0.004	0.123
0026	0.000	0.001	0.000	0.001	0.031
0027	0.001	0.001	0.004	- 0.003	0
0028	0.001	0.001	0.004	- 0.003	0
0029	0.000	0.001	0.000	0.001	0.031
0030	0.000	0.002	0.000	0.002	0.062
Method Blank	0.000	0.000	0.000	0	0

Rhonda Methvin
 Signature (lab tech)

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

9/14/94

LAB. TECH. NAME Jim Denton / Rhonda Methvin
 DATE 9/14/94 SITE IDENTIFIER KRLTA154
 BATCH NUMBER TNT-L5

TIME 1015Abs(background) 0.001 Abs(control) 0.357

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0061	0.021	0.038	0.084	-0.046	0
0062	0.012	0.016	0.048	-0.032	0
0063	0.012	0.016	0.048	-0.032	0
0064	0.013	0.016	0.052	-0.036	0
0065	0.013	0.016	0.052	-0.036	0
0066	0.013	0.018	0.052	-0.034	0
0067	0.013	0.016	0.052	-0.036	0
0068	0.013	0.016	0.052	-0.036	0
0069	0.203	0.313	0.812	-0.499	0
0070	0.014	0.016	0.056	-0.040	0
0071	0.015	0.017	0.060	-0.043	0

Rhonda Methvin
 Signature (lab tech)

Jim Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

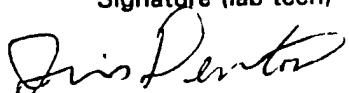
LAB. TECH. NAME Jim Denton / Rhonda Methvin
 DATE 9/14/94

SITE IDENTIFIER KRLTD154BATCH NUMBER INIT-15TIME 1015Abs(background) 0.001 Abs(control) 0.357

1 Sample ID	2 Abs(initial)	3 Abs (sample)	4 Abs (initial) x 4	5 Abs (final) [col. 3 - col. 4]	6 TNT Conc. PPM [col. 5/0.0323]
0072	0.015	0.016	0.060	-0.044	0
0073	0.014	0.017	0.056	-0.039	0
0074	0.014	0.016	0.056	-0.040	0
0075	0.015	0.017	0.060	-0.043	0
0076	0.017	0.027	0.068	-0.041	0
0077	0.015	0.020	0.060	-0.040	0
0078	0.015	0.018	0.060	-0.042	0
0079	0.015	0.016	0.060	-0.044	0
0080	0.016	0.021	0.064	-0.043	0
0080 Dup	0.020	0.025	0.080	-0.055	0
Soil Blank	0.045	0.048	0.180	-0.132	0
Methanol Blank	0.016	0.017	0.060	-0.043	0

Rhonda Methvin
 Signature (lab tech)

Signature (review/approval)



TNT FIELD SCREENING WORKSHEET

9/13/94

LAB. TECH. NAME Jim Denton/Rhonda Methvin
 DATE 9/13/94

SITE IDENTIFIER KRLTD154
 BATCH NUMBER TNT-13

TIME 1210Abs(background) 0.000 Abs(control) 0.350

1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4] TNT Conc. PPM [col. 5/0.0323]
225	0111	0.005	0.009	0.020	- 0.011 E
10.1	0112	0.005	0.007	0.020	- 0.013 A
10.1	0113	0.005	0.007	0.020	- 0.013 A
10	0114	0.005	0.007	0.020	- 0.013 A
10	0115	0.007	0.008	0.028	- 0.020 A
10	0116	0.008	0.010	0.032	- 0.022 A
9.9	0117	0.006	0.008	0.024	- 0.016 A
10	0118	0.006	0.008	0.024	- 0.016 A
10.1	0119	0.006	0.008	0.024	- 0.016 A
10.1	0120	0.008	0.010	0.032	- 0.022 A
	0120 Dup	0.006	0.007	0.024	- 0.017 A

Rhonda Methvin

Signature (lab tech)

Jim Denton

Signature (review/approval)

9/13/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin
 DATE 9/13/94

SITE IDENTIFIER KRLTD154
 BATCH NUMBER TNT-13

TIME 1210Abs(background) 0.000 Abs(control) 0.350

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
Soil Blank	0.006	0.006	0.024	- 0.018	0
Method Blank	0.005	0.007	0.020	- 0.013	0
10 0121	0.005	0.007	0.020	- 0.013	0
10 0122	0.005	0.006	0.020	- 0.014	0
9.9 0123	0.006	0.006	0.024	- 0.018	0
10 0124	0.005	0.007	0.020	- 0.013	0
10.1 0125	0.006	0.008	0.024	- 0.016	0
10.1 0126	0.006	0.008	0.024	- 0.016	0
10 0127	0.005	0.007	0.020	- 0.013	0
10.1 0128	0.005	0.008	0.020	- 0.012	0
10.1 0129	0.006	0.008	0.024	- 0.016	0

Rhonda Methvin

Signature (lab tech)

Jim Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

9 | 13 | 94

LAB. TECH. NAME Jim Denton / Rhonda Methvin
DATE 9/13/94

SITE IDENTIFIER KELTA/54

BATCH NUMBER TNT-13

TIME 1210

Abs(background) 0.000 Abs(control) 0.350

Rhonda Methuen
Signature (lab tech)

Signature (lab tech)

Jim Denton

Signature (review/approval)

4/13/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin
 DATE 9/13/94

SITE IDENTIFIER KRLTD1541
 BATCH NUMBER TNT-14

TIME 1:323Abs(background) 0.001 Abs(control) 0.368

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
S	10.1	0041	0.021	0.081	- 0.003	0
	10	0042	0.000	0.003	0.003	0.092
	10	0043	0.007	0.021	- 0.007	0
	10.1	0044	0.000	0.002	0.002	0.062
	10	0045	0.000	0.002	0.002	0.062
	10.1	0046	0.008	0.036	0.032	0.124
A	10	0047	0.004	0.020	0.016	0.124
QA	10.1	0048	0.006	0.014	0.024	- 0.010
G	10	0049	0.013	0.145	0.052	0.093
	10.1	0050	0.008	0.011	0.032	- 0.021
	10.1	0051	0.010	0.012	0.010	- 0.028

Rhonda Methvin
 Signature (lab tech)

Signature (review/approval)

9/11/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton / Rhonda Methvin
 DATE 9/13/94

SITE IDENTIFIER KRLTA154
 BATCH NUMBER TNT-14

TIME 1323Abs(background) -0.001 Abs(control) 0.368

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
9.9	0052	0.011	0.012	0.048	-0.036	0
10.1	0053	0.011	0.013	0.044	-0.031	0
9.9	0054	0.012	0.014	0.048	-0.034	0
10.0	0055	0.012	0.016	0.048	-0.032	0
10.0	0056	0.020	0.044	0.080	-0.036	0
10.0	0057	0.018	0.035	0.072	-0.037	0
10.1	0058	0.017	0.031	0.068	-0.037	0
9.9	0059	0.014	0.020	0.056	-0.036	0
9.9	0060	0.013	0.016	0.060	-0.030	0
10	0060 Dup	0.016	0.026	0.064	-0.038	0
	Methanol Blank	0.013	0.014	0.052	-0.038	0

Rhonda Methvin

Signature (lab tech)

Tim Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

9/12/94

LAB. TECH. NAME Tim Denton / Rhonda Methvin
 DATE 09/12/94

SITE IDENTIFIER KRLTD154
 BATCH NUMBER TNT-12

TIME 0925Abs(background) 0.000 Abs(control) 0.367

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0091	0.018	0.022	0.072	- 0.05	θ
0092	0.018	0.022	0.072	- 0.05	θ
0093	0.017	0.021	0.068	- 0.047	θ
0094	0.017	0.022	0.068	- 0.046	θ
0095	0.017	0.019	0.068	- 0.049	θ
0096	0.017	0.019	0.068	- 0.049	θ
0097	0.017	0.019	0.068	- 0.049	θ
0098	0.016	0.022	0.064	- 0.042	θ
0099	0.017	0.020	0.068	- 0.048	θ
0100	0.017	0.018	0.068	- 0.050	θ
0100 dup	0.018	0.021	0.072	- 0.051	θ
Abs (control)		<u>0.364</u>			

Rhonda Methvin

Signature (lab tech)



Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

9/12/94

LAB. TECH. NAME Jim Denton / Rhonda Methven
 DATE 9/12/94 SITE IDENTIFIER KRLTA154
 BATCH NUMBER TNT-12

TIME 0925Abs(background) 0.000 Abs(control) 0.367

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0101	0.017	0.019	0.068	- 0.049	0
0102	0.018	0.019	0.072	- 0.053	0
0103	0.017	0.020	0.068	- 0.048	0
0104	0.017	0.018	0.068	- 0.05	0
0105	0.017	0.020	0.068	- 0.048	0
0106	0.018	0.019	0.072	- 0.053	0
0107	0.017	0.021	0.068	- 0.047	0
0108	0.017	0.023	0.068	- 0.045	0
0109	0.017	0.023	0.068	- 0.045	0
0110	0.017	0.023	0.068	- 0.045	0
Method Blank	0.019	0.019	0.076	- 0.057	0

Rhonda Methven

Signature (lab tech)

Jim Denton

Signature (review/approval)

9/9/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin
 DATE 9/9/94

SITE IDENTIFIER KRL1N154
 BATCH NUMBER TNT-11

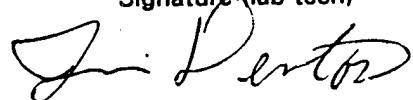
TIME 1010Abs(background) 0.00Abs(control) 0.353

1020

1 Sample ID	2 Abs(initial)	3 Abs (sample)	4 Abs (initial) x 4	5 Abs (final) [col. 3 - col. 4]	6 TNT Conc. PPM [col. 5/0.0323]
0186	0.002	0.005	0.008	-0.003	0
0187	0.003	0.005	0.012	-0.007	0
0188	0.003	0.006	0.012	-0.006	0
0189	0.004	0.009	0.016	-0.007	0
0190	0.003	0.007	0.012	-0.005	0
0191	0.007	0.009	0.028	-0.019	0
0192	0.003	0.006	0.012	-0.006	0
0193	0.001	0.008	0.016	-0.008	0
0194	0.005	0.006	0.020	-0.014	0
0195	0.005	0.007	0.020	-0.013	0
0196	0.005	0.006	0.020	-0.014	0

Abs (control) No. 2 0.353Rhonda Methvin

Signature (lab tech)



Signature (review/approval)

9/9/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Melvin SITE IDENTIFIER KRL ID 154
 DATE 9/9/94 BATCH NUMBER TNT-11

TIME 1010Abs(background) 0.000 Abs(control) 0.360

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0197	0.005	0.005	0.020	-0.015	0
0198	0.004	0.005	0.016	-0.011	0
0199	0.006	0.007	0.024	-0.017	0
0200	0.006	0.007	0.024	-0.017	0
0200 Dup	0.005	0.008	0.020	-0.012	0
0201	0.005	0.008	0.020	-0.012	0
0202	0.005	0.006	0.020	-0.014	0
0203	0.005	0.006	0.020	-0.014	0
0204	0.005	0.006	0.020	-0.014	0
0205	0.006	0.007	0.024	-0.017	0
Soil Blank	0.006	0.006	0.024	-0.018	0
Method Blank	0.0005	0.005	0.020	-0.015	

Rhonda Melvin

Signature (lab tech)

Jim Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

9/8/14

LAB. TECH. NAME Jim Denton/Rhonda Meth SITE IDENTIFIER KRLTD154DATE 9/8/94BATCH NUMBER TNT-10TIME 0941Abs(background) -0.001Abs(control) 0.362

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0166	0.003	0.003	0.012	- 0.009	0
0167	0.001	0.003	0.004	- 0.001	0
0168	0.001	0.003	0.004	- 0.001	0
0169	0.001	0.003	0.004	- 0.001	0
0170	0.002	0.002	0.008	- 0.006	0
0171	0.001	0.002	0.004	- 0.002	0
0172	0.001	0.003	0.004	- 0.001	0
0173	0.001	0.003	0.004	- 0.001	0
0174	0.001	0.002	0.004	- 0.002	0
0175	0.001	0.003	0.004	- 0.001	0
0176	0.001	0.004	0.004	0	0

Rhonda Meth

Signature (lab tech)

Jim Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

9/8/94

LAB. TECH. NAME Jim Denton / Rhonda Methvin
 DATE 9/8/94

SITE IDENTIFIER KRLTA154
 BATCH NUMBER TNT-10

TIME 0941Abs(background) -0.001 Abs(control) 0.362

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0177	0.001	0.004	0.004	-	0
0178	0.000	0.003	0.000	0.003	0.093
0179	0.000	0.001	0.000	0.004	0.124
0180	0.000	0.002	0.000	0.002	0.062
0180 Dup	0.000	0.002	0.000	0.002	0.062
0181	0.000	0.001	0.000	0.001	0.0309
0182	0.000	0.002	0.000	0.002	0.062
0183	0.001	0.002	0.004	- 0.002	0
0184	0.000	0.001	0.000	0.001	0.0309
0185	0.000	0.002	0.000	0.002	0.062
Methanol Blank	0.001	0.001	0.004	- 0.003	0

Rhonda Methvin
 Signature (Lab tech)

Jim Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

9/4/94

LAB. TECH. NAME Jim Denton / Rhonda Methvin
 DATE 9/4/94

SITE IDENTIFIER KRLTD154
 BATCH NUMBER TNT-9

TIME 0956Abs(background) 0.001 Abs(control) 0.367

0903

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0266	0.007	0.009	0.028	- 0.019	0
0267	0.008	0.014	0.032	- 0.021	0
0268	0.009	0.015	0.036	- 0.021	0
0269	0.011	0.014	0.044	- 0.030	0
0270	0.012	0.015	0.048	- 0.033	0
0296	0.012	0.016	0.048	- 0.032	0
0297	0.013	0.015	0.052	- 0.037	0
0298	0.014	0.016	0.056	- 0.040	0
0299	0.012	0.014	0.048	- 0.034	0
0300	0.018	0.026	0.072	- 0.046	0
0300 Dup	0.008	0.023	0.072	- 0.049	0

Rhonda Methvin
 Signature (lab tech)

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

9/6/94

LAB. TECH. NAME Jim Denton Rhonda Methvin
 DATE 9/6/94

SITE IDENTIFIER KRLID 154
 BATCH NUMBER TNT-9

TIME 0856Abs(background) 0.001 Abs(control) 0.367

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
Method Blank	0.014	0.015	0.056	- 0.041	0
Soil Blank	0.014	0.016	0.056	- 0.040	0

Rhonda Methvin
 Signature (lab tech)

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton / Rhonda Methven
 DATE 9/2/94

SITE IDENTIFIER KRLTD154BATCH NUMBER TNT-8TIME 0854Abs(background) 0.002 Abs(control) 0.374

10mL

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0251	0.021	0.021	0.080	-0.059	0
0252	0.022	0.042	0.088	-0.046	0
0253	0.019	0.021	0.076	-0.055	0
0254	0.020	0.025	0.080	-0.055	0
0255	0.020	0.026	0.080	-0.054	0
0256	0.019	0.022	0.076	-0.054	0
0257	0.020	0.023	0.080	-0.057	0
0258-0001	0.020	0.030	0.080	-0.050	0
0258-0002	0.019	0.023	0.076	-0.053	0
0259	0.019	0.022	0.076	-0.054	0
0260	0.019	0.021	0.076	-0.055	0

Rhonda Methven

Signature (lab tech)

J. Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin
 DATE 9/2/94

SITE IDENTIFIER KPLTD 154
 BATCH NUMBER TNT-8

TIME 0854Abs(background) 0.002 Abs(control) 0.374

1 Sample ID	2 Abs(initial)	3 Abs (sample)	4 Abs (initial) x 4	5 Abs (final) [col. 3 - col. 4]	6 TNT Conc. PPM [col. 5/0.0323]
0260 Dup	0.019	0.022	0.088	-0.066	0
0261	0.020	0.021	0.080	-0.059	0
0262	0.021	0.040	0.084	-0.044	0
0263	0.019	0.021	0.076	-0.055	0
0264	0.019	0.021	0.076	-0.065	0
0265	0.020	0.035	0.080	-0.045	0
Method Blank	0.019	0.022	0.076	-0.054	0

Rhonda Methvin
 Signature (lab tech)

Jim Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin
 DATE 09/01/94

SITE IDENTIFIER KRLTD154BATCH NUMBER TNT-7TIME 0914Abs(background) 0.002Abs(control) 0.373

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
1034	0238	0.04	0.022	0.056	- 0.034	Θ
101	0239	0.013	0.018	0.052	- 0.034	Θ
10	0240	0.013	0.016	0.052	- 0.036	Θ
10	0240 Dup	0.013	0.015	0.052	- 0.037	Θ
10	0241	0.015	0.023	0.060	- 0.037	Θ
101	0242	0.014	0.022	0.056	- 0.034	Θ
10	0243	0.014	0.018	0.056	- 0.038	Θ
10	0244	0.014	0.016	0.056	- 0.040	Θ
101	0245	0.015	0.017	0.060	- 0.043	Θ
10	0286	0.015	0.018	0.060	- 0.042	Θ
101	0287	0.015	0.019	0.060	- 0.041	Θ

Rhonda Methvin
 Signature (lab tech)

Signature (review/approval)

Jim Denton

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton / Rhonda Methvin
 DATE 09/01/94

SITE IDENTIFIER KPLTD154
 BATCH NUMBER TNT-7

TIME 0914Abs(background) 0.002 Abs(control) 0.373

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
10.1 0288	0.015	0.017	0.068	- 0.051	G
10.1 0289	0.017	0.017	0.068	- 0.051	G
10.1 0290	0.017	0.021	0.064 0.068	- 0.047	G
10.1 0291	0.017	0.020	0.068 0.068	- 0.048	G
10.1 0292	0.017	0.018	0.068	- 0.050	G
10.1 0293	0.017	0.018	0.068	- 0.050	G
10.1 0294	0.018	0.021	0.072	- 0.051	G
10.1 0295	0.019	0.021	0.076	- 0.055	G
Soil Blank	0.017	0.020	0.068	- 0.048	G
Method Blank	0.018	0.019	0.072	- 0.053	G

Rhonda Methvin

Signature (lab tech)

J. Denton

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton/Rhonda Methvin
 DATE 8/31/94

SITE IDENTIFIER KRLTD154BATCH NUMBER TNT-6TIME 0859Abs(background) 0.000 Abs(control) 0.367

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0226	0.005	0.009	0.020	- 0.011	0
0227	0.005	0.006	0.020	- 0.014	0
0228	0.006	0.008	0.024	- 0.016	0
0229	0.008	0.009	0.032	- 0.023	0
0230	0.010	0.012	0.040	- 0.028	0
0231	0.013	0.028	0.052	- 0.024	0
0232	0.008	0.010	0.032	- 0.022	0
0233	0.009	0.012	0.036	- 0.024	0
0234	0.011	0.021	0.044	- 0.023	0
0235	0.011	0.022	0.044	- 0.022	0
0236	0.011	0.015	0.044	- 0.029	0
0237	0.011	0.017	0.044	- 0.027	

Tim Denton
Rhonda Methvin 8A-994
 Signature (lab tech)

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/R Methvin SITE IDENTIFIER KRLID154
 DATE 8/30/94 BATCH NUMBER TNT-5

TIME 0915Abs(background) 0.000 Abs(control) 0.341

	1	2	3	4	5	6
	Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
10g	0301	0.018	0.018	0.072	- 0.054	0
10g	0302	0.015	0.015	0.060	- 0.045	0
10.	0303	0.013	0.018	0.052	- 0.034	0
10.	0304	0.014	0.015	0.056	- 0.041	0
10.	0305	0.014	0.016	0.056	- 0.040	0
10.	0306	0.014	0.015	0.056	- 0.041	0
10.	0307	0.014	0.015	0.056	- 0.041	0
10.	0308	0.015	0.016	0.060	- 0.044	0
10.1	0309	0.021	0.022	0.084	- 0.062	0
10.	0310	0.016	0.016	0.064	- 0.048	0
10.1	0310 DUD	0.016	0.017	0.064	- 0.047	0
N/A	MB	0.017	0.017	0.068	- 0.051	
10.0	SB	0.016	0.017	0.064	- 0.047	

Jim DentonPhernda Methvin 8/30/94

Signature (lab tech)

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton / Rhonda Methvin
 DATE 8/29/94

SITE IDENTIFIER KRLTDIS4BATCH NUMBER TNT-4TIME 1010Abs(background) -0.001 Abs(control) 0.325

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0151	0.012	0.013	0.048	-0.035	0
0152	0.012	0.014	0.048	-0.034	0
0153	0.013	0.014	0.052	-0.038	0
0154	0.013	0.016	0.052	-0.036	0
0155	0.014	0.016	0.056	-0.040	0
0156	0.014	0.017	0.056	-0.039	0
0157	0.015	0.015	0.060	-0.045	0
0158	0.014	0.016	0.056	-0.040	0
0159	0.014	0.015	0.056	-0.041	0
0160	0.014	0.017	0.056	-0.039	0
0160 dup	0.014	0.017	0.056	-0.039	0

Jim Denton
Rhonda Methvin 8/29/94
 Signature (lab tech)

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methvin SITE IDENTIFIER KRLTD151
 DATE 8/29/94 BATCH NUMBER TNT-4

TIME 1010Abs(background) -0.001 Abs(control) 0.325

1 Sample ID	2 Abs(initial)	3 Abs (sample)	4 Abs (initial) x 4	5 Abs (final) [col. 3 - col. 4]	6 TNT Conc. PPM [col. 5/0.0323]
0161	0.014	0.016	0.056	- 0.040	0
0162	0.013	0.017	0.052	- 0.035	0
0163	0.015	0.017	0.060	- 0.043	0
0164	0.016	0.018	0.064	- 0.046	0
0165	0.015	0.017	0.060	- 0.043	0
MR	0.015	0.017	0.060	- 0.043	0
SB	0.015	0.017	0.060	- 0.043	0

Jim Denton
Rhonda Miller 8/29/94
 Signature (lab tech)

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Tim Denton/Rhonda Methvin SITE IDENTIFIER KRLTA154
 DATE 8/26/94 BATCH NUMBER TNT-3

TIME 10.58Abs(background) 0.000 Abs(control) 0.369

1 Sample ID	2 Abs(initial)	3 Abs (sample)	4 Abs (initial) x 4	5 Abs (final) [col. 3 - col. 4]	6 TNT Conc. PPM [col. 5/0.0323]
0284	0.011	0.013	0.044	-0.031	0
0285	0.009	0.011	0.036	-0.025	0
0081	0.013	0.016	0.052	-0.036	0
0082	0.014	0.018	0.056	-0.038	0
0083	0.013	0.015	0.052	-0.037	0
0084	0.013	0.014	0.052	-0.038	0
0085	0.012	0.013	0.048	-0.035	0
0086	0.013	0.015	0.052	-0.037	0
0087	0.014	0.016	0.056	-0.041	0
0088	0.014	0.017	0.056	-0.039	0
0089	0.013	0.016	0.052	-0.036	0
0090	0.013	0.015	0.052	-0.037	

Tim Denton
Rhonda Methvin
 Signature (lab tech)
 8/26/94

Signature (review/approval)

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME Jim Denton/Rhonda Methven SITE IDENTIFIER KRL ID 154
 DATE 8/25/94 BATCH NUMBER TNT-2

TIME 0951Abs(background) 0.000 Abs(control) 0.328

1	2	3	4	5	6
Sample ID	Abs(initial)	Abs (sample)	Abs (initial) x 4	Abs (final) [col. 3 - col. 4]	TNT Conc. PPM [col. 5/0.0323]
0278	0.015	0.016	0.06	-0.044	0
0279	0.015	0.016	0.06	-0.044	0
0280	0.016	0.017	0.064	-0.047	0
0281	0.016	0.022	0.064	-0.042	0
0282	0.016	0.017	0.064	-0.047	0
0283	0.016	0.016	0.064	-0.048	0

James Denton
Rhonda Methven
 Signature (lab tech)

Signature (review/approval)

8/25/94

TNT FIELD SCREENING WORKSHEET

LAB. TECH. NAME JL DentonDATE 24 Aug 94SITE IDENTIFIER KRLTD 154BATCH NUMBER TNT 1

Abs(standard) _____ TIME _____

Abs(background) 000 Abs(control) -349

Sample ID	Abs(initial)	Abs (sample)	Concentration (PPM)*	TIME
0276	0.011	0.011	1	1440
0277	0.012	0.011		1445

$$= \frac{(\text{Abs(initial}) \times 4) - \text{Abs(sample)}}{0.0323}$$

$$\text{Abs sample} = (\text{Abs initial}) \times \frac{4}{0.0323}$$

**Hall Environmental
Analysis Laboratory**

Hall Environmental Analysis Laboratory
2403 San Mateo NE, Suite P-13
Albuquerque, NM 87110

11/28/94

GRAM, Inc.
8500 Menaul Blvd. NE, Suite B-370
Albuquerque, NM 87112

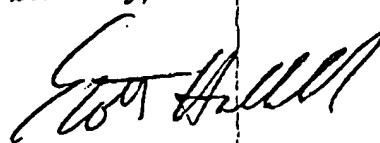
Dear Mr. Jeff Johnson,

Enclosed are the results for the analyses that were requested. These were done according to the method entitled "Development of field screening methods for TNT, 2,4-DNT and RDX in soil" (Talanta, Vol 39, No 4, pp. 419-428, 1992) by Thomas F. Jenkins and Marianne E. Walsh.

Detection limits are estimated based on the methodology and may vary significantly. For TNT and 2,4-DNT we estimate a detection level of approximately 50 PPM (MG/KG). No determination of compounds below these levels (denoted by the < sign) has been made.

Please don't hesitate to contact me for any additional information or clarifications.

Sincerely,

 1/16/95

Scott Hallenbeck,
Lab Manager

Project: McCormick Ranch

2403 San Mateo N.E. Suite P-13 Albuquerque, NM 87110

Results for sample: KRTLD154-949-0001

Date collected: 10/20/94	Date received: 10/20/94
Date extracted: 11/28/94	Date analyzed: 11/28/94
Client: GRAM, Inc.	
Project Name: McCormick Ranch	HEAL #: 9410107-1
Project Manager: Jeff Johnson	Sampled by: Johnson
Matrix: Non-Aqueous	

Test: TNT Procedure

<u>Compound</u>	<u>Amount</u>	<u>Units</u>
TNT	Not Detected	PPM (MG/KG)

Dilution Factor = 1

Test: 2,4-DNT Procedure

<u>Compound</u>	<u>Amount</u>	<u>Units</u>
2,4-DNT	Not Detected	PPM (MG/KG)

Dilution Factor = 1

Test: RDX Procedure

<u>Compound</u>	<u>Amount</u>	<u>Units</u>
RDX	Detected	PPM (MG/KG)

Dilution Factor = 1

SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404573

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GS943835
OEHL ID: 19404573
Type of Sample: SOIL
Workplace or Site ID: 00097 093A KIRTLAND AFB, NM
Date Collected: 08-SEP-94 Time Collected: 1400
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 4547.8 GRAMS DRY.

ACTINIUM 228	0.5	+/-	0.02	PICOCURIES PER GRAM DRIED
BISMUTH 212	< 0.03			PICOCURIES PER GRAM DRIED
BISMUTH 214	0.4	+/-	0.02	PICOCURIES PER GRAM DRIED
CESIUM 134	< 0.01			PICOCURIES PER GRAM DRIED
CESIUM 137	6.9	+/-	3.2	FEMTOCURIES PER GRAM DRIED
GROSS ALPHA	4.1	+/-	2.2	PICOCURIES PER GRAM DRIED
GROSS BETA	21.7	+/-	1.9	PICOCURIES PER GRAM DRIED
LEAD 212	0.5	+/-	0.04	PICOCURIES PER GRAM DRIED
LEAD 214	0.5	+/-	0.02	PICOCURIES PER GRAM DRIED
POTASSIUM 40	14.3	+/-	0.8	PICOCURIES PER GRAM DRIED
RADIUM 224	< 0.5			PICOCURIES PER GRAM DRIED
PADMIUM 226	< 0.4			PICOCURIES PER GRAM DRIED
THALLIUM 208	0.2	+/-	0.01	PICOCURIES PER GRAM DRIED
THORIUM 228	1.4	+/-	0.2	PICOCURIES PER GRAM DRIED
THORIUM 232	0.5	+/-	0.02	PICOCURIES PER GRAM DRIED
THORIUM 234	0.2	+/-	0.07	PICOCURIES PER GRAM DRIED
URANIUM 235	0.07	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404574

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GS943836
OEHL ID: 19404574
Type of Sample: SOIL
Workplace or Site ID: 00097 093A KIRTLAND AFB, NM
Date Collected: 08-SEP-94 Time Collected: 1400
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 4148.3 GRAMS DRY.

ACTINIUM 228	0.5	+/-	0.02	PICOCURIES PER GRAM DRIED
BISMUTH 212	<	0.04		PICOCURIES PER GRAM DRIED
BISMUTH 214	0.7	+/-	0.03	PICOCURIES PER GRAM DRIED
CESIUM 134	<	0.01		PICOCURIES PER GRAM DRIED
CESIUM 137	<	0.02		PICOCURIES PER GRAM DRIED
GROSS ALPHA	2.7	+/-	1.9	PICOCURIES PER GRAM DRIED
GROSS BETA	23.6	+/-	1.9	PICOCURIES PER GRAM DRIED
LEAD 212	0.5	+/-	0.04	PICOCURIES PER GRAM DRIED
LEAD 214	0.8	+/-	0.04	PICOCURIES PER GRAM DRIED
POTASSIUM 40	11.5	+/-	0.7	PICOCURIES PER GRAM DRIED
RADIUM 224	<	0.6		PICOCURIES PER GRAM DRIED
RADIUM 226	<	0.4		PICOCURIES PER GRAM DRIED
THALLIUM 208	0.1	+/-	0.01	PICOCURIES PER GRAM DRIED
THORIUM 228	1.4	+/-	0.03	PICOCURIES PER GRAM DRIED
THORIUM 232	0.5	+/-	0.02	PICOCURIES PER GRAM DRIED
THORIUM 234	0.4	+/-	0.09	PICOCURIES PER GRAM DRIED
URANIUM 235	0.1	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

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SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404575

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GS943837
OEHL ID: 19404575
Type of Sample: SOIL
Workplace or Site ID: 00097 093A KIRTLAND AFB, NM
Date Collected: 08-SEP-94 Time Collected: 1400
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 4073.7 GRAMS DRY.

ACTINIUM 228	0.6	+/-	0.03	PICOCURIES PER GRAM DRIED
BISMUTH 212	<	0.4		PICOCURIES PER GRAM DRIED
BISMUTH 214	0.4	+/-	0.03	PICOCURIES PER GRAM DRIED
CESIUM 134	<	0.02		PICOCURIES PER GRAM DRIED
CESIUM 137	0.02	+/-	0.005	PICOCURIES PER GRAM DRIED
GROSS ALPHA	3.9	+/-	2.1	PICOCURIES PER GRAM DRIED
GROSS BETA	22.8	+/-	1.9	PICOCURIES PER GRAM DRIED
LEAD 212	0.6	+/-	0.05	PICOCURIES PER GRAM DRIED
LEAD 214	0.5	+/-	0.03	PICOCURIES PER GRAM DRIED
POTASSIUM 40	14.3	+/-	0.8	PICOCURIES PER GRAM DRIED
RADIUM 224	<	0.7		PICOCURIES PER GRAM DRIED
RADIUM 226	<	0.5		PICOCURIES PER GRAM DRIED
THALLIUM 208	0.2	+/-	0.01	PICOCURIES PER GRAM DRIED
THORIUM 228	1.4	+/-	0.3	PICOCURIES PER GRAM DRIED
THORIUM 232	0.6	+/-	0.03	PICOCURIES PER GRAM DRIED
THORIUM 234	0.3	+/-	0.1	PICOCURIES PER GRAM DRIED
URANIUM 235	0.06	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFF
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404576

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GS943838
OEHL ID: 19404576
Type of Sample: SOIL
Workplace or Site ID: 00097 093A KIRTLAND AFB, NM
Date Collected: 08-SEP-94 Time Collected: 1400
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 4808.6 GRAMS DRY.

ACTINIUM 228	0.6	+/-	0.03	PICOCURIES PER GRAM DRIED
BISMUTH 212	< 0.4			PICOCURIES PER GRAM DRIED
BISMUTH 214	0.5	+/-	0.03	PICOCURIES PER GRAM DRIED
CESIUM 134	< 0.02			PICOCURIES PER GRAM DRIED
CESIUM 137	< 0.02			PICOCURIES PER GRAM DRIED
GROSS ALPHA	5.	+/-	2.4	PICOCURIES PER GRAM DRIED
GROSS BETA	26.3	+/-	2.	PICOCURIES PER GRAM DRIED
LEAD 212	0.7	+/-	0.05	PICOCURIES PER GRAM DRIED
LEAD 214	0.6	+/-	0.03	PICOCURIES PER GRAM DRIED
POTASSIUM 40	14.8	+/-	0.9	PICOCURIES PER GRAM DRIED
RADIUM 224	< 0.7			PICOCURIES PER GRAM DRIED
RADIUM 226	< 0.5			PICOCURIES PER GRAM DRIED
THALLIUM 208	0.2	+/-	0.02	PICOCURIES PER GRAM DRIED
THORIUM 228	1.5	+/-	0.3	PICOCURIES PER GRAM DRIED
THORIUM 232	0.6	+/-	0.03	PICOCURIES PER GRAM DRIED
THORIUM 234	0.2	+/-	0.09	PICOCURIES PER GRAM DRIED
URANIUM 235	0.07	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
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DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404577

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GS943839
OEHL ID: 19404577
Type of Sample: SOIL
Workplace or Site ID: 00097 093A KIRTLAND AFB, NM
Date Collected: 09-SEP-94 Time Collected: 1500
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 5037.9 GRAMS DRY.

ACTINIUM 228	0.5	+/-	0.02	PICOCURIES PER GRAM DRIED
BISMUTH 212	<	0.4		PICOCURIES PER GRAM DRIED
BISMUTH 214	0.4	+/-	0.02	PICOCURIES PER GRAM DRIED
CESIUM 134	<	0.02		PICOCURIES PER GRAM DRIED
CESIUM 137	<	0.02		PICOCURIES PER GRAM DRIED
GROSS ALPHA	3.9	+/-	2.1	PICOCURIES PER GRAM DRIED
GROSS BETA	20.6	+/-	1.8	PICOCURIES PER GRAM DRIED
LEAD 212	0.5	+/-	0.04	PICOCURIES PER GRAM DRIED
LEAD 214	0.4	+/-	0.02	PICOCURIES PER GRAM DRIED
POTASSIUM 40	12.9	+/-	0.8	PICOCURIES PER GRAM DRIED
RADIUM 224	<	0.6		PICOCURIES PER GRAM DRIED
RADIUM 226	<	0.4		PICOCURIES PER GRAM DRIED
THALLIUM 208	0.2	+/-	0.01	PICOCURIES PER GRAM DRIED
THORIUM 228	1.1	+/-	0.3	PICOCURIES PER GRAM DRIED
THORIUM 232	0.5	+/-	0.02	PICOCURIES PER GRAM DRIED
THORIUM 234	0.1	+/-	0.08	PICOCURIES PER GRAM DRIED
URANIUM 235	0.05	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFF
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404578

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GS943840
OEHL ID: 19404578
Type of Sample: SOIL
Workplace or Site ID: 00097 093A KIRTLAND AFB, NM
Date Collected: 20-SEP-94 Time Collected: 0800
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 3506.3 GRAMS DRY.

ACTINIUM 228	0.6	+/-	0.02	PICOCURIES PER GRAM DRIED
BISMUTH 212	< 0.4			PICOCURIES PER GRAM DRIED
BISMUTH 214	0.5	+/-	0.03	PICOCURIES PER GRAM DRIED
CESIUM 134	< 0.02			PICOCURIES PER GRAM DRIED
CESIUM 137	5.6	+/-	4.2	FEMTOCURIES PER GRAM DRIED
GROSS ALPHA	7.4	+/-	2.7	PICOCURIES PER GRAM DRIED
GROSS BETA	25.	+/-	2.	PICOCURIES PER GRAM DRIED
LEAD 212	0.6	+/-	0.05	PICOCURIES PER GRAM DRIED
LEAD 214	0.5	+/-	0.03	PICOCURIES PER GRAM DRIED
POTASSIUM 40	13.9	+/-	0.8	PICOCURIES PER GRAM DRIED
RADIUM 224	< 0.7			PICOCURIES PER GRAM DRIED
RADIUM 226	< 0.5			PICOCURIES PER GRAM DRIED
THALLIUM 208	0.2	+/-	0.01	PICOCURIES PER GRAM DRIED
THORIUM 228	1.7	+/-	0.3	PICOCURIES PER GRAM DRIED
THORIUM 232	0.6	+/-	0.02	PICOCURIES PER GRAM DRIED
THORIUM 234	0.3	+/-	0.09	PICOCURIES PER GRAM DRIED
URANIUM 235	0.07	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

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SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404579

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GS943841
OEHL ID: 19404579
Type of Sample: SOIL
Workplace or Site ID: 00097 093A KIRTLAND AFB, NM
Date Collected: 20-SEP-94 Time Collected: 0800
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 4358.2 GRAMS DRY.

ACTINIUM 228 0.7 +/- 0.03 PICOCURIES PER GRAM DRIED
BISMUTH 212 < 0.5 PICOCURIES PER GRAM DRIED
BISMUTH 214 0.5 +/- 0.03 PICOCURIES PER GRAM DRIED
CESIUM 134 < 0.02 PICOCURIES PER GRAM DRIED
CESIUM 137 0.04 +/- 0.01 PICOCURIES PER GRAM DRIED
GROSS ALPHA 5. +/- 2.4 PICOCURIES PER GRAM DRIED
GROSS BETA 27.8 +/- 2.1 PICOCURIES PER GRAM DRIED
LEAD 212 0.7 +/- 0.06 PICOCURIES PER GRAM DRIED
LEAD 214 0.6 +/- 0.03 PICOCURIES PER GRAM DRIED
POTASSIUM 40 15.6 +/- 0.9 PICOCURIES PER GRAM DRIED
RADIAZ 224 < 0.8 PICOCURIES PER GRAM DRIED
RADIAZ 226 < 0.5 PICOCURIES PER GRAM DRIED
THALLIUM 208 0.2 +/- 0.02 PICOCURIES PER GRAM DRIED
THORIUM 228 1.4 +/- 0.3 PICOCURIES PER GRAM DRIED
THORIUM 232 0.7 +/- 0.03 PICOCURIES PER GRAM DRIED
THORIUM 234 0.2 +/- 0.1 PICOCURIES PER GRAM DRIED
URANIUM 235 0.09 +/- 0.01 PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404580

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GS943842
OEHL ID: 19404580
Type of Sample: SOIL
Workplace or Site ID: 00097 093A KIRTLAND AFB, NM
Date Collected: 20-SEP-94 Time Collected: 0800
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 4444.4 GRAMS DRY.

ACTINIUM 228	0.8	+/-	0.03	PICOCURIES PER GRAM DRIED
BISMUTH 212	< 0.4			PICOCURIES PER GRAM DRIED
BISMUTH 214	0.5	+/-	0.03	PICOCURIES PER GRAM DRIED
CESIUM 134	< 0.02			PICOCURIES PER GRAM DRIED
CESIUM 137	0.02	+/-	0.005	PICOCURIES PER GRAM DRIED
GROSS ALPHA	4.4	+/-	2.3	PICOCURIES PER GRAM DRIED
GROSS BETA	27.5	+/-	2.1	PICOCURIES PER GRAM DRIED
LEAD 212	0.7	+/-	0.06	PICOCURIES PER GRAM DRIED
LEAD 214	0.6	+/-	0.03	PICOCURIES PER GRAM DRIED
POTASSIUM 40	16.2	+/-	0.9	PICOCURIES PER GRAM DRIED
RADIUM 224	< 0.7			PICOCURIES PER GRAM DRIED
RADIUM 226	0.7	+/-	0.4	PICOCURIES PER GRAM DRIED
THALLIUM 208	0.3	+/-	0.02	PICOCURIES PER GRAM DRIED
THORIUM 228	1.8	+/-	0.3	PICOCURIES PER GRAM DRIED
THORIUM 232	0.8	+/-	0.03	PICOCURIES PER GRAM DRIED
THORIUM 234	0.2	+/-	0.1	PICOCURIES PER GRAM DRIED
URANIUM 235	0.04	+/-	0.02	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404581

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GS943843
OEHL ID: 19404581
Type of Sample: SOIL
Workplace or Site ID: 00097 093A KIRTLAND AFB, NM
Date Collected: 20-SEP-94 Time Collected: 0800
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 4288.7 GRAMS DRY.

ACTINIUM 228 0.5 +/- 0.02 PICOCURIES PER GRAM DRIED
BISMUTH 212 < 0.4 PICOCURIES PER GRAM DRIED
BISMUTH 214 0.4 +/- 0.03 PICOCURIES PER GRAM DRIED
CESIUM 134 < 0.02 PICOCURIES PER GRAM DRIED
CESIUM 137 0.02 +/- 0.005 PICOCURIES PER GRAM DRIED
GROSS ALPHA 3. +/- 2. PICOCURIES PER GRAM DRIED
GROSS BETA 26.9 +/- 2. PICOCURIES PER GRAM DRIED
LEAD 212 0.6 +/- 0.04 PICOCURIES PER GRAM DRIED
LEAD 214 0.5 +/- 0.02 PICOCURIES PER GRAM DRIED
POTASSIUM 40 12.9 +/- 0.8 PICOCURIES PER GRAM DRIED
RADON 224 < 0.7 PICOCURIES PER GRAM DRIED
RADON 226 < 0.5 PICOCURIES PER GRAM DRIED
THALLIUM 208 0.2 +/- 0.01 PICOCURIES PER GRAM DRIED
THORIUM 228 1.5 +/- 0.3 PICOCURIES PER GRAM DRIED
THORIUM 232 0.5 +/- 0.02 PICOCURIES PER GRAM DRIED
THORIUM 234 0.2 +/- 0.09 PICOCURIES PER GRAM DRIED
URANIUM 235 0.07 +/- 0.01 PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

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SAMPLE ANALYSIS RESULTS REPORTED ON 15-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404582

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GS943844
OEHL ID: 19404582
Type of Sample: SOIL
Workplace or Site ID: 00097 093A KIRTLAND AFB, NM
Date Collected: 20-SEP-94 Time Collected: 0800
Date Received: 26-SEP-94
Date Completed: 14-NOV-94

SAMPLE VOLUME 4265.1 GRAMS DRY.

ACTINIUM 228	0.6	+/-	0.03	PICOCURIES PER GRAM DRIED
BISMUTH 212	< 0.4			PICOCURIES PER GRAM DRIED
BISMUTH 214	0.5	+/-	0.03	PICOCURIES PER GRAM DRIED
CESIUM 134	< 0.02			PICOCURIES PER GRAM DRIED
CESIUM 137	8.1	+/-	4.9	FEMTOCURIES PER GRAM DRIED
GROSS ALPHA	3.6	+/-	2.1	PICOCURIES PER GRAM DRIED
GROSS BETA	25.6	+/-	2.	PICOCURIES PER GRAM DRIED
LEAD 212	0.6	+/-	0.05	PICOCURIES PER GRAM DRIED
LEAD 214	0.5	+/-	0.03	PICOCURIES PER GRAM DRIED
POTASSIUM 40	14.9	+/-	0.9	PICOCURIES PER GRAM DRIED
RADIUM 224	< 0.7			PICOCURIES PER GRAM DRIED
RADIUM 226	< 0.5			PICOCURIES PER GRAM DRIED
THALLIUM 208	0.2	+/-	0.01	PICOCURIES PER GRAM DRIED
THORIUM 228	1.7	+/-	0.3	PICOCURIES PER GRAM DRIED
THORIUM 232	0.6	+/-	0.03	PICOCURIES PER GRAM DRIED
THORIUM 234	0.2	+/-	0.09	PICOCURIES PER GRAM DRIED
URANIUM 235	0.06	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

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SAMPLE ANALYSIS RESULTS REPORTED ON 23-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404557

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GN943845
OEHL ID: 19404557
Type of Sample: WATER, NONPOTABLE, NOT SDWA
Workplace or Site ID: 00097 093A KIRTLAND AFB, NM
Date Collected: 07-SEP-94 Time Collected: 1030
Date Received: 26-SEP-94
Date Completed: 22-NOV-94

BISMUTH 212 < 33. PICOCURIES PER LITER
BISMUTH 214 < 18. PICOCURIES PER LITER
CESIUM 134 < 7.4 PICOCURIES PER LITER
CESIUM 137 < 7.6 PICOCURIES PER LITER
GROSS ALPHA < 0.6 PICOCURIES PER LITER
GROSS BETA < 3. PICOCURIES PER LITER
LEAD 212 < 16.9 PICOCURIES PER LITER
LEAD 214 < 18.6 PICOCURIES PER LITER
POTASSIUM 40 < 116.4 PICOCURIES PER LITER
RADIAH 224 < 196. PICOCURIES PER LITER
RADIAH 226 < 21.6 PICOCURIES PER LITER
THALLIUM 208 < 8.6 PICOCURIES PER LITER
THORIUM 228 < 0.5 PICOCURIES PER LITER
THORIUM 232 < 17.4 PICOCURIES PER LITER
THORIUM 234 < 116.9 PICOCURIES PER LITER
URANIUM 235 < 13.1 PICOCURIES PER LITER

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

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SAMPLE ANALYSIS RESULTS REPORTED ON 23-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404558

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GN943846

OEHL ID: 19404558

Type of Sample: WATER, NONPOTABLE, NOT SDWA

Workplace or Site ID: 00097 093A KIRTLAND AFB, NM

Date Collected: 07-SEP-94 Time Collected: 1030

Date Received: 26-SEP-94

Date Completed: 22-NOV-94

BISMUTH 212 < 33. PICOCURIES PER LITER
BISMUTH 214 < 16.9 PICOCURIES PER LITER
CESIUM 134 < 7.3 PICOCURIES PER LITER
CESIUM 137 < 8. PICOCURIES PER LITER
GROSS ALPHA < 0.6 PICOCURIES PER LITER
GROSS BETA < 3. PICOCURIES PER LITER
LEAD 212 < 17.2 PICOCURIES PER LITER
LEAD 214 < 18.5 PICOCURIES PER LITER
POTASSIUM 40 < 112.2 PICOCURIES PER LITER
RADIIUM 224 < 194.1 PICOCURIES PER LITER
RADIIUM 226 < 223.4 PICOCURIES PER LITER
THALLIUM 208 < 9. PICOCURIES PER LITER
THORIUM 228 < 479.2 PICOCURIES PER LITER
THORIUM 232 < 33.7 PICOCURIES PER LITER
THORIUM 234 46.4 +/- 37.6 PICOCURIES PER LITER
URANIUM 235 < 13.7 PICOCURIES PER LITER

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

H-12

SAMPLE ANALYSIS RESULTS REPORTED ON 23-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404559

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GN943847
OEHL ID: 19404559
Type of Sample: WATER, NONPOTABLE, NOT SDWA
Workplace or Site ID: 00097 093A KIRTLAND AFB, NM
Date Collected: 07-SEP-94 Time Collected: 1030
Date Received: 26-SEP-94
Date Completed: 22-NOV-94

BISMUTH 212	< 33.	PICOCURIES PER LITER
BISMUTH 214	< 15.2	PICOCURIES PER LITER
CESIUM 134	< 7.4	PICOCURIES PER LITER
CESIUM 137	< 8.6	PICOCURIES PER LITER
GROSS ALPHA	< 0.6	PICOCURIES PER LITER
GROSS BETA	< 3.	PICOCURIES PER LITER
LEAD 212	< 17.	PICOCURIES PER LITER
LEAD 214	< 18.2	PICOCURIES PER LITER
POTASSIUM 40	< 116.4	PICOCURIES PER LITER
RADIUM 224	< 192.4	PICOCURIES PER LITER
RADIUM 226	< 211.	PICOCURIES PER LITER
THALLIUM 208	< 9.4	PICOCURIES PER LITER
THORIUM 228	< 464.4	PICOCURIES PER LITER
THORIUM 232	< 32.3	PICOCURIES PER LITER
THORIUM 234	< 115.	PICOCURIES PER LITER
URANIUM 235	< 12.9	PICOCURIES PER LITER

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

H-13

SAMPLE ANALYSIS RESULTS REPORTED ON 23-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404560

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GN943848
OEHL ID: 19404560
Type of Sample: WATER, NONPOTABLE, NOT SDWA
Workplace or Site ID: 00097 093A KIRTLAND AFB, NM
Date Collected: 07-SEP-94 Time Collected: 1030
Date Received: 26-SEP-94
Date Completed: 22-NOV-94

BISMUTH 212 < 33. PICOCURIES PER LITER
BISMUTH 214 < 16.1 PICOCURIES PER LITER
CESIUM 134 < 7.5 PICOCURIES PER LITER
CESIUM 137 < 9. PICOCURIES PER LITER
GROSS ALPHA < 0.6 PICOCURIES PER LITER
GROSS BETA < 3.1 PICOCURIES PER LITER
LEAD 212 < 16.6 PICOCURIES PER LITER
LEAD 214 < 17.5 PICOCURIES PER LITER
POTASSIUM 40 < 121.2 PICOCURIES PER LITER
RADON 224 < 192.4 PICOCURIES PER LITER
RADON 226 < 214.5 PICOCURIES PER LITER
THALLIUM 208 < 9.9 PICOCURIES PER LITER
THORIUM 228 < 491.4 PICOCURIES PER LITER
THORIUM 232 < 33.5 PICOCURIES PER LITER
THORIUM 234 < 117.2 PICOCURIES PER LITER
URANIUM 235 < 13.1 PICOCURIES PER LITER

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

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SAMPLE ANALYSIS RESULTS REPORTED ON 23-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404561

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GN943849
OEHL ID: 19404561
Type of Sample: WATER, NONPOTABLE, NOT SDWA
Workplace or Site ID: 00097 093A KIRTLAND AFB, NM
Date Collected: 07-SEP-94 Time Collected: 1030
Date Received: 26-SEP-94
Date Completed: 22-NOV-94

BISMUTH 212 < 33. PICOCURIES PER LITER
BISMUTH 214 < 16.4 PICOCURIES PER LITER
CESIUM 134 < 7.6 PICOCURIES PER LITER
CESIUM 137 3.6 +/- 2.1 PICOCURIES PER LITER
GROSS ALPHA < 0.6 PICOCURIES PER LITER
GROSS BETA < 3. PICOCURIES PER LITER
LEAD 212 < 16.6 PICOCURIES PER LITER
LEAD 214 < 18.6 PICOCURIES PER LITER
POTASSIUM 40 < 120.4 PICOCURIES PER LITER
RADON 224 < 194.9 PICOCURIES PER LITER
RADON 226 < 215.6 PICOCURIES PER LITER
THALLIUM 208 < 9.1 PICOCURIES PER LITER
THORIUM 228 < 465.9 PICOCURIES PER LITER
THORIUM 232 < 32.2 PICOCURIES PER LITER
THORIUM 234 < 121.4 PICOCURIES PER LITER
URANIUM 235 < 13.3 PICOCURIES PER LITER

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

SAMPLE ANALYSIS RESULTS REPORTED ON 23-nov-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404562

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GN943850

OEHL ID: 19404562

Type of Sample: WATER, NONPOTABLE, NOT SDWA

Workplace or Site ID: 00097 093A KIRTLAND AFB, NM

Date Collected: 13-SEP-94 Time Collected: 1100

Date Received: 26-SEP-94

Date Completed: 22-NOV-94

BISMUTH 212	< 33.	PICOCURIES PER LITER
BISMUTH 214	< 16.3	PICOCURIES PER LITER
CESIUM 134	< 7.1	PICOCURIES PER LITER
CESIUM 137	2.4 +/- 1.9	PICOCURIES PER LITER
GROSS ALPHA	3.7 +/- 1.4	PICOCURIES PER LITER
GROSS BETA	14.3 +/- 2.2	PICOCURIES PER LITER
LEAD 212	< 16.8	PICOCURIES PER LITER
LEAD 214	< 17.4	PICOCURIES PER LITER
POTASSIUM 40	< 119.6	PICOCURIES PER LITER
RADIUM 224	< 196.4	PICOCURIES PER LITER
RADIUM 226	< 213.8	PICOCURIES PER LITER
THALLIUM 208	< 9.3	PICOCURIES PER LITER
THORIUM 228	< 457.8	PICOCURIES PER LITER
THORIUM 232	< 32.4	PICOCURIES PER LITER
THORIUM 234	< 118.	PICOCURIES PER LITER
URANIUM 235	< 12.9	PICOCURIES PER LITER

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

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SAMPLE ANALYSIS RESULTS REPORTED ON 21-oct-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404205

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GS943770 SAMPLE "K"

OEHL ID: 19404205

Type of Sample: SOIL

Workplace or Site ID: 00097 093A KIRTLAND AFB, NM

Date Collected: 06-SEP-94 Time Collected: 1000

Date Received: 14-SEP-94

Date Completed: 20-OCT-94

SAMPLE WEIGHT 2741.1 GRAMS DRY.

BISMUTH 212	<	0.2	PICOCURIES PER GRAM DRIED
BISMUTH 214	<	0.7	PICOCURIES PER GRAM DRIED
CESIUM 134	<	0.03	PICOCURIES PER GRAM DRIED
CESIUM 137	0.6	+/- 0.04	PICOCURIES PER GRAM DRIED
GROSS ALPHA	6.2	+/- 1.9	PICOCURIES PER GRAM DRIED
GROSS BETA	32.7	+/- 1.8	PICOCURIES PER GRAM DRIED
LEAD 212	0.8	+/- 0.06	PICOCURIES PER GRAM DRIED
LEAD 214	0.7	+/- 0.04	PICOCURIES PER GRAM DRIED
POTASSIUM 40	<	1.1	PICOCURIES PER GRAM DRIED
RADIUM 224	<	0.9	PICOCURIES PER GRAM DRIED
RADIUM 226	<	0.7	PICOCURIES PER GRAM DRIED
THALLIUM 208	0.3	+/- 0.02	PICOCURIES PER GRAM DRIED
THORIUM 228	<	1.3	PICOCURIES PER GRAM DRIED
THORIUM 232	0.8	+/- 0.03	PICOCURIES PER GRAM DRIED
THORIUM 234	0.3	+/- 0.1	PICOCURIES PER GRAM DRIED
URANIUM 235	0.1	+/- 0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

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SAMPLE ANALYSIS RESULTS REPORTED ON 21-oct-1994
ARMSTRONG LABORATORY
OCCUPATIONAL AND ENVIRONMENTAL HEALTH DIRECTORATE
RADIOANALYTICAL FUNCTION (OEBSA)
BROOKS AIR FORCE BASE, TEXAS 78235-5000

OE ID

19404206

377 MG/AERMS/SGPB
1951 SECOND STREET SE
KIRTLAND AFB, NM 87117-5559
ATTN CAPT CRAIG ADAMS

BASE ADDRESS CODE: Q00097Z

IDENTIFICATION:

Base Sample #: GS943771 SAMPLE "T"
OEHL ID: 19404206
Type of Sample: SOIL
Workplace or Site ID: 00097 093A KIRTLAND AFB, NM
Date Collected: 06-SEP-94 Time Collected: 1000
Date Received: 14-SEP-94
Date Completed: 20-OCT-94

SAMPLE WEIGHT 2272 GRAMS DRY.

ACTINIUM 228	0.8	+/-	0.03	PICOCURIES PER GRAM DRIED
BISMUTH 212	< 0.05			PICOCURIES PER GRAM DRIED
BISMUTH 214	0.8	+/-	0.04	PICOCURIES PER GRAM DRIED
CESIUM 134	< 0.03			PICOCURIES PER GRAM DRIED
CESIUM 137	0.7	+/-	0.05	PICOCURIES PER GRAM DRIED
GROSS ALPHA	6.5	+/-	2.	PICOCURIES PER GRAM DRIED
GROSS BETA	34.2	+/-	1.8	PICOCURIES PER GRAM DRIED
LEAD 212	0.9	+/-	0.07	PICOCURIES PER GRAM DRIED
LEAD 214	0.8	+/-	0.04	PICOCURIES PER GRAM DRIED
POTASSIUM 40	< 1.1			PICOCURIES PER GRAM DRIED
RADIUM 224	< 0.9			PICOCURIES PER GRAM DRIED
RADIUM 226	< 0.7			PICOCURIES PER GRAM DRIED
THALLIUM 208	0.3	+/-	0.02	PICOCURIES PER GRAM DRIED
THORIUM 228	< 2.			PICOCURIES PER GRAM DRIED
THORIUM 232	0.8	+/-	0.03	PICOCURIES PER GRAM DRIED
THORIUM 234	0.4	+/-	0.1	PICOCURIES PER GRAM DRIED
URANIUM 235	0.1	+/-	0.01	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

MR. AMON J. CLAY, GM-13
Chief, Radioanalytical Branch, BAFB
DSN 240-2061

H-18

MR. JOHNSON,

LISTED BELOW ARE THE RESULTS YOU NEEDED. IF YOU HAVE ANY QUESTIONS,
PLEASE FEEL FREE TO CALL.

SAMPLE NUMBER	OE #'S	GROSS ALPHA	GROSS BETA
GS943825	19404563	3.8 +/- 1.6	29.5 +/- 1.7
3826		4.3 +/- 1.6	28.4 +/- 1.6
3827		6.2 +/- 1.9	29.1 +/- 1.7
3828		4.7 +/- 1.7	26.3 +/- 1.6
3829		5.6 +/- 2.0	26.4 +/- 1.6
3830		3.8 +/- 2.1	24.6 +/- 2.0
3831		5.1 +/- 2.3	21.5 +/- 1.9
3832		3.5 +/- 2.1	23.2 +/- 1.9
3833		3.0 +/- 2.0	24.2 +/- 1.9
3834		2.2 +/- 1.8	24.4 +/- 1.8
3835		4.1 +/- 2.2	21.7 +/- 1.9
3836		2.7 +/- 1.9	23.6 +/- 1.9
3837		3.9 +/- 2.1	22.8 +/- 1.9
3838		5.0 +/- 2.4	26.3 +/- 2.0
3839		3.9 +/- 2.1	20.6 +/- 1.8
3840		7.4 +/- 2.7	25.0 +/- 2.0
3841		5.0 +/- 2.4	27.8 +/- 2.1
3842		4.4 +/- 2.3	27.5 +/- 2.1
3843		3.0 +/- 2.0	26.9 +/- 2.0
3844	19404582	3.6 +/- 2.1	25.6 +/- 2.0

ALL OF THE ABOVE RESULTS ARE PICOCURIES PER GRAM/DRY.

Cyndi Utley

CYNDI UTLEY
AL/OEBA
DSN:240-2061

CHAIN OF CUSTODY

NOTE: MEASURE COOLER TEMPERATURE FROM TEMPERATURE BLANK

PROJECT NAME:	MCCORMICK RANCH	# OF CONTAINERS *	1
CLIENT:	PHILLIPS LABORATORY, KIRTLAND AFB	TYPE OF CONTAINERS	PLASTIC
MARY CONTACT:	JEFF JOHNSON - GRAM 503-299-1382	CONTAINER VOLUME	1 GAL
MARY CONTACT:	STEVE OORIN (LATA) 503-480-3439	PRESERVATIVE	None
BALIOTY CONTACT:		ANALYSES REQUESTED	8 X 2 3 4 5 6 7
RE IDENTIFICATION LOCATION ID, SAMPLE #)	USAFC SA MPLS No.	MATRIX COLLECTED	DATETIME COLLECTED
154-0 3 1 7 - 0 0 0 1	G394-38625	S	1/8/74 1400 ✓
154-0 3 1 7 - 0 0 0 2	G594-38826	S	1/8/74 1400 ✓
154-0 3 1 8 - 0 0 0 1	G594-38827	S	1/8/74 1400 ✓
154-0 3 1 9 - 0 0 0 1	G594-38828	S	1/8/74 1400 ✓
154-0 3 2 0 - 0 0 0 1	G594-38829	S	1/8/74 1400 ✓
154-0 3 2 1 - 0 0 0 1	G594-38830	S	1/8/74 1400 ✓
154-0 3 2 2 - 0 0 0 1	G594-38831	S	1/8/74 1400 ✓
154-0 3 2 3 - 0 0 0 1	G594-38832	S	1/8/74 1400 ✓
154-0 3 2 3 - 0 0 0 2	G594-38833	S	1/8/74 1400 ✓
154-0 3 2 4 - 0 0 0 1	G594-38834	S	1/8/74 1400 ✓
154-0 3 2 4 - 0 0 0 1	MS/mD G594-38835	S	1/8/74 1400 ✓

CONTAINER TYPES:

- 1. POLYETHYLENE
- 2. CO - CLEAR GLASS
- 3. AG - AMBER GLASS

FOR SOIL SAMPLES ONLY ONE 16-OZ GLASS JAR OF SOIL AT

QUOTED TO PROVIDE SUFFICIENT SAMPLE VOLUME FOR ALL

33. THE REQUIRED ANALYSES FOR EACH SOIL SAMPLE

NOTIFIED BY CHECKING THE APPROPRIATE BOXES (1-7)

4-20

- 1. EXPLOSIVES (SW8330, SW8330-ADD-1, SW8330-ADD-2)
- 2. NITRATE + NITRITE (E3311-2)
- 3. SEMI-VOCs (SW8270)
- 4. ICP METALS (SW6010); MINUS LEAD, ARSENIC, SeleniUM, AND MERCURY
- 5. MERCURY (SW7471)
- 6. LEAD (SW7471), ARSENIC (SW7060), SeleniUM (SW7740)
- 7. CYANIDE (SW9011)

RE INQUIRIED BY:

RELEASER TO SHIPPER BY:

RELEASED TO LABORATORY BY (SHIPPER):

RECEIVED BY SHIPPER:

RECEIVED BY LABORATORY:

RELEASER TO SHIPPER BY:

RELEASER TO LABORATORY:

RELEASER TO SHIPPER:

CHAIN OF CUSTODY

NOTE: MEASURE COOLER TEMPERATURE FROM TEMPERATURE BLANK

PROJECT NAME:	McCORMICK RANCH		# OF CONTAINERS:	1	
CLIENT:	PHILLIPS LABORATORY, KORTLAND AFB		TYPE OF CONTAINERS	Poly	
PRIMARY CONTACT:	JEFF JOHNSON (GRAM) 503-299-1221		CONTAINER VOLUME	1 gal	
SECONDARY CONTACT:	STEVE GORDON (LATA) 503-880-3433		PRESERVATIVE	None	
LABORATORY CONTACT:			ANALYSES REQUESTED	X	X
LINE IDENTIFICATION	LINE #	AF	SAMPLE NO.	MATRIX	DATE/TIME COLLECTED
2. LOCATION ID, SAMPLE ID)					
1154 - Q 3 2 5 - 0 0 0 1			GS943836	S	9/19/94 1400 ✓
1154 - Q 3 2 6 - 0 0 2 1			GS943837	S	9/19/94 1400 ✓
1154 - Q 3 2 7 - 0 0 0 1			GS943838	S	9/19/94 1400 ✓
1154 - Q 3 2 8 - 0 0 0 1			GS943839	S	9/19/94 1500 ✓
1154 - Q 3 2 9 - 0 0 0 1			GS943840	S	9/20/94 0800 ✓
1154 - Q 3 3 0 - 0 0 0 1			GS943841	S	9/20/94 0800 ✓
1154 - Q 3 3 1 - 0 0 0 1			GS943842	S	9/20/94 0800 ✓
1154 - Q 3 3 2 - 0 0 0 1			GS943843	S	9/20/94 0800 ✓
1154 - Q 3 3 3 - 0 0 0 1			GS943844	S	9/20/94 0800 ✓
1154 - Q 3 3 4 - 0 0 0 1					
1154 - Q 3 3 5 - 0 0 0 1					
1154 - Q 3 3 6 - 0 0 0 1					
1154 - Q 3 3 7 - 0 0 0 1					
1154 - Q 3 3 8 - 0 0 0 1					
1154 - Q 3 3 9 - 0 0 0 1					
1154 - Q 3 4 0 - 0 0 0 1					
1154 - Q 3 4 1 - 0 0 0 1					
1154 - Q 3 4 2 - 0 0 0 1					
1154 - Q 3 4 3 - 0 0 0 1					
1154 - Q 3 4 4 - 0 0 0 1					
1154 - Q 3 4 5 - 0 0 0 1					
1154 - Q 3 4 6 - 0 0 0 1					
1154 - Q 3 4 7 - 0 0 0 1					
1154 - Q 3 4 8 - 0 0 0 1					
1154 - Q 3 4 9 - 0 0 0 1					
1154 - Q 3 5 0 - 0 0 0 1					
1154 - Q 3 5 1 - 0 0 0 1					
1154 - Q 3 5 2 - 0 0 0 1					
1154 - Q 3 5 3 - 0 0 0 1					
1154 - Q 3 5 4 - 0 0 0 1					
1154 - Q 3 5 5 - 0 0 0 1					
1154 - Q 3 5 6 - 0 0 0 1					
1154 - Q 3 5 7 - 0 0 0 1					
1154 - Q 3 5 8 - 0 0 0 1					
1154 - Q 3 5 9 - 0 0 0 1					
1154 - Q 3 6 0 - 0 0 0 1					
1154 - Q 3 6 1 - 0 0 0 1					
1154 - Q 3 6 2 - 0 0 0 1					
1154 - Q 3 6 3 - 0 0 0 1					
1154 - Q 3 6 4 - 0 0 0 1					
1154 - Q 3 6 5 - 0 0 0 1					
1154 - Q 3 6 6 - 0 0 0 1					
1154 - Q 3 6 7 - 0 0 0 1					
1154 - Q 3 6 8 - 0 0 0 1					
1154 - Q 3 6 9 - 0 0 0 1					
1154 - Q 3 7 0 - 0 0 0 1					
1154 - Q 3 7 1 - 0 0 0 1					
1154 - Q 3 7 2 - 0 0 0 1					
1154 - Q 3 7 3 - 0 0 0 1					
1154 - Q 3 7 4 - 0 0 0 1					
1154 - Q 3 7 5 - 0 0 0 1					
1154 - Q 3 7 6 - 0 0 0 1					
1154 - Q 3 7 7 - 0 0 0 1					
1154 - Q 3 7 8 - 0 0 0 1					
1154 - Q 3 7 9 - 0 0 0 1					
1154 - Q 3 8 0 - 0 0 0 1					
1154 - Q 3 8 1 - 0 0 0 1					
1154 - Q 3 8 2 - 0 0 0 1					
1154 - Q 3 8 3 - 0 0 0 1					
1154 - Q 3 8 4 - 0 0 0 1					
1154 - Q 3 8 5 - 0 0 0 1					
1154 - Q 3 8 6 - 0 0 0 1					
1154 - Q 3 8 7 - 0 0 0 1					
1154 - Q 3 8 8 - 0 0 0 1					
1154 - Q 3 8 9 - 0 0 0 1					
1154 - Q 3 9 0 - 0 0 0 1					
1154 - Q 3 9 1 - 0 0 0 1					
1154 - Q 3 9 2 - 0 0 0 1					
1154 - Q 3 9 3 - 0 0 0 1					
1154 - Q 3 9 4 - 0 0 0 1					
1154 - Q 3 9 5 - 0 0 0 1					
1154 - Q 3 9 6 - 0 0 0 1					
1154 - Q 3 9 7 - 0 0 0 1					
1154 - Q 3 9 8 - 0 0 0 1					
1154 - Q 3 9 9 - 0 0 0 1					
1154 - Q 3 0 0 - 0 0 0 1					
1154 - Q 3 0 1 - 0 0 0 1					
1154 - Q 3 0 2 - 0 0 0 1					
1154 - Q 3 0 3 - 0 0 0 1					
1154 - Q 3 0 4 - 0 0 0 1					
1154 - Q 3 0 5 - 0 0 0 1					
1154 - Q 3 0 6 - 0 0 0 1					
1154 - Q 3 0 7 - 0 0 0 1					
1154 - Q 3 0 8 - 0 0 0 1					
1154 - Q 3 0 9 - 0 0 0 1					
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1154 - Q 3 2 7 - 0 0 0 1					
1154 - Q 3 2 8 - 0 0 0 1					
1154 - Q 3 2 9 - 0 0 0 1					
1154 - Q 3 3 0 - 0 0 0 1					
1154 - Q 3 3 1 - 0 0 0 1					
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1154 - Q 3 3 6 - 0 0 0 1					
1154 - Q 3 3 7 - 0 0 0 1					
1154 - Q 3 3 8 - 0 0 0 1					
1154 - Q 3 3 9 - 0 0 0 1					
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1154 - Q 3 4 7 - 0 0 0 1					
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1154 - Q 3 5 8 - 0 0 0 1					
1154 - Q 3 5 9 - 0 0 0 1					
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1154 - Q 3 6 1 - 0 0 0 1					
1154 - Q 3 6 2 - 0 0 0 1					
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1154 - Q 3 6 9 - 0 0 0 1					
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1154 - Q 3 7 7 - 0 0 0 1					
1154 - Q 3 7 8 - 0 0 0 1					
1154 - Q 3 7 9 - 0 0 0 1					
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1154 - Q 3 8 5 - 0 0 0 1					
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1154 - Q 3 9 0 - 0 0 0 1					
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1154 - Q 3 1 8 - 0 0 0 1					
1154 - Q 3 1 9 - 0 0 0 1					
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1154 - Q 3 2 2 - 0 0 0 1					
1154 - Q 3 2 3 - 0 0 0 1					
1154 - Q 3 2 4 - 0 0 0 1					
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1154 - Q 3 2 9 - 0 0 0 1					

===== SAMPLE EDIT =====

Sample # 19404571 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400

Reason R ROUTINE

Name SSAN

Weight Age Sex
Base Sample # GS943833 Serial #

Collection Method G GRAB

Sample Type S SOIL

Project ID

Analyses ABG

Press <LIST> for list of initials.

Count: *1

<List><Replace>

Sample #	Method	Isotope	Value	Error	Units	Culprit	Completed	
9404571	G	AC 228	.5	.02	PCI/GM	D	CU	20-OCT-94
9404571	G	BI 212	.3 .03		PCI/GM	D	CU	20-OCT-94
9404571	G	BI 214	.5	.02	PCI/GM	D	CU	20-OCT-94
9404571	G	CS 134	.1		PCI/GM	D	CU	20-OCT-94
9404571	G	CS 137	.01		PCI/GM	D	CU	20-OCT-94
9404571	G	K 40	14.5	.8	PCI/GM	D	CU	20-OCT-94
9404571	G	PB 212	.5	.04	PCI/GM	D	CU	20-OCT-94
9404571	G	PB 214	.5	.02	PCI/GM	D	CU	20-OCT-94
9404571	G	RA 224	.5		PCI/GM	D	CU	20-OCT-94
9404571	G	RA 226	.4		PCI/GM	D	CU	20-OCT-94
9404571	G	TH 228	1	.02	PCI/GM	D	CU	20-OCT-94
9404571	G	TH 232	.5	.02	PCI/GM	D	CU	20-OCT-94
9404571	G	TH 234	.2	.07	PCI/GM	D	CU	20-OCT-94
9404571	G	TL 208	.25	.01	PCI/GM	D	CU	20-OCT-94
9404571	G	U 235	.07	.01	PCI/GM	D	CU	20-OCT-94

Enter analysis method code. Press list of field values key for help.
 Count: *15 <List><Replace>

===== COMMENTS =====

ample #	Order	Comment	Culprit
9404571	1	SAMPLE VOLUME 4211.5 GRAMS DRY.	CU

Enter a sequence number to force print order. Leave blank if not reported.
Count: *1 <Replace>

===== SAMPLE EDIT =====

Sample # 19404570 Logged by JS Last Updated By CU
 Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400

Reason R ROUTINE

Name SSAN

Weight Sex

Base Sample # GS943832 Serial #

Collection Method G GRAB

Sample Type S SOIL

Project ID

Analyses ABG

Press <LIST> for list of initials.

*1

<List>

4-25

Sample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404570	G	AC 228	.5	.02	PCI/GM	D CU	28-OCT-94
9404570	G	BI 212	.03		PCI/GM	D CU	28-OCT-94
9404570	G	BI 214	.5	.02	PCI/GM	D CU	28-OCT-94
9404570	G	CS 134	.01		PCI/GM	D CU	28-OCT-94
9404570	G	CS 137	.02		PCI/GM	D CU	28-OCT-94
9404570	G	K 40	14.2	.8	PCI/GM	D CU	28-OCT-94
9404570	G	PB 212	.5	.04	PCI/GM	D CU	28-OCT-94
9404570	G	PB 214	.5	.02	PCI/GM	D CU	28-OCT-94
9404570	G	RA 224	.6		PCI/GM	D CU	28-OCT-94
9404570	G	RA 226	.4		PCI/GM	D CU	28-OCT-94
9404570	G	TH 228	.9	.2	PCI/GM	D CU	28-OCT-94
9404570	G	TH 232	.5	.02	PCI/GM	D CU	28-OCT-94
9404570	G	TH 234	.2	.08	PCI/GM	D CU	28-OCT-94
9404570	G	TL 208	.2	.01	PCI/GM	D CU	28-OCT-94
9404570	G	U 235	.07	.01	PCI/GM	D CU	28-OCT-94

Enter analysis method code. Press list of field values key for help.
 *15 <List>

4-26

===== COMMENTS =====

Sample #	Order	Comment	Culprit
9404570	1	SAMPLE VOLUME 4230.9 GRAMS DRY.	CU

Enter a sequence number to force print order. Leave blank if not reported.
*1

===== SAMPLE EDIT =====

Sample # 19404563 Logged by JS Last Updated By CU
 Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400

Reason R ROUTINE

Name SSAN

Weight Age Sex

Base Sample # GS943825 Serial #

Collection Method G GRAB

Sample Type S SOIL

Project ID

Analyses ABG

ress <LIST> for list of initials.

ount: *1

<List><Replace>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404563	G	BI 212	.03		PCI/GM	D CU	20-OCT-94
9404563	G	BI 214	.5		PCI/GM	D CU	20-OCT-94
9404563	G	CS 134	.01		PCI/GM	D CU	20-OCT-94
9404563	G	CS 137	.01	.004	PCI/GM	D CU	20-OCT-94
9404563	G	K 40	16.1	.9	PCI/GM	D CU	20-OCT-94
9404563	G	PB 212	.7	.05	PCI/GM	D CU	20-OCT-94
9404563	G	PB 214	.6	.03	PCI/GM	D CU	20-OCT-94
9404563	G	RA 224	.6		PCI/GM	D CU	20-OCT-94
9404563	G	RA 226	.4		PCI/GM	D CU	20-OCT-94
9404563	G	TH 228	1.3	.3	PCI/GM	D CU	20-OCT-94
9404563	G	TH 232	.7	.02	PCI/GM	D CU	20-OCT-94
9404563	G	TH 234	.3	.08	PCI/GM	D CU	20-OCT-94
9404563	G	TL 208	.2	.01	PCI/GM	D CU	20-OCT-94
9404563	G	U 235	.07	.01	PCI/GM	D CU	20-OCT-94

nter analysis method code. Press list of field values key for help.

ount: *14

<List><Replace>

===== COMMENTS =====

ample #	Order	Comment	Culprit
9404563	1	SAMPLE VOLUME 4365.5 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

===== SAMPLE EDIT =====

Sample # 19404564 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400

Reason B BOUTINE

SSAN

Copy 2

2 Collected(YYMMDD HRMI) 940908 1400

Name Weight Age Sex
Base Sample # GS943826 Serial #
Collection Method G GRAB
Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.

count: *1

<List><Replace>

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed	
9404564	G	BI 212	.03		PCI/GM	D	CU	20-OCT-94
9404564	G	BI 214	.5	.03	PCI/GM	D	CU	20-OCT-94
9404564	G	CS 134	.01	.03	PCI/GM	D	CU	20-OCT-94
9404564	G	CS 137	.01	.004	PCI/GM	D	CU	20-OCT-94
9404564	G	K 40	16.1	.9	PCI/GM	D	CU	20-OCT-94
9404564	G	PB 212	.7	.05	PCI/GM	D	CU	20-OCT-94
9404564	G	PB 214	.6	.03	PCI/GM	D	CU	20-OCT-94
9404564	G	RA 224	.6		PCI/GM	D	CU	20-OCT-94
9404564	G	RA 226	.4		PCI/GM	D	CU	20-OCT-94
9404564	G	TH 228	1.9	.3	PCI/GM	D	CU	20-OCT-94
9404564	G	TH 232	.7	.02	PCI/GM	D	CU	20-OCT-94
9404564	G	TH 234	.3	.08	PCI/GM	D	CU	20-OCT-94
9404564	G	TL 208	.2	.01	PCI/GM	D	CU	20-OCT-94
9404564	G	U 235	.08	.008	PCI/GM	D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.

ount: *14

<List><Replace>

===== COMMENTS =====

ample #	Order	Comment	Culprit
9404564	1	SAMPLE VOLUME 4565.7 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

===== SAMPLE EDIT =====

Sample # 19404565 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400

Reason R ROUTINE

Name SSAN

Weight Age Sex
Base Sample # GS943827 Serial #

Collection Method G GRAB

Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.

ount: *1

<List><Replace>

A-34

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed	
9404565	G	BI 212	.03		PCI/GM	D	CU	20-OCT-94
9404565	G	BI 214	.5	.03	PCI/GM	D	CU	20-OCT-94
9404565	G	CS 134	.01		PCI/GM	D	CU	20-OCT-94
9404565	G	CS 137	.02		PCI/GM	D	CU	20-OCT-94
9404565	G	K 40	16.5	.9	PCI/GM	D	CU	20-OCT-94
9404565	G	PB 212	.6	.05	PCI/GM	D	CU	20-OCT-94
9404565	G	PB 214	.6	.03	PCI/GM	D	CU	20-OCT-94
9404565	G	RA 224	.6		PCI/GM	D	CU	20-OCT-94
9404565	G	RA 226	.4		PCI/GM	D	CU	20-OCT-94
9404565	G	TH 228	1.3	.3	PCI/GM	D	CU	20-OCT-94
9404565	G	TH 232	.6	.02	PCI/GM	D	CU	20-OCT-94
9404565	G	TH 234	.3	.08	PCI/GM	D	CU	20-OCT-94
9404565	G	TL 208	.2	.01	PCI/GM	D	CU	20-OCT-94
9404565	G	U 235	.08	.01	PCI/GM	D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
 4 <List>

===== COMMENTS =====

ample #	Order	Comment	Culprit
9404565	1	SAMPLE VOLUME 4771.4 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.

===== SAMPLE EDIT =====

Sample # 19404566 Logged by JS Last Updated By CU
 Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400

Reason R ROUTINE

Name SSAN

Weight Age Sex

Base Sample # GS943828 Serial #

Collection Method G GRAB

Sample Type S SOIL

Project ID

Analyses ABG

ress <LIST> for list of initials.

1

<List>

10-37

Sample #	Method	Isotope	Value	Error	Units	Culprit	Completed	
9404566	G	AM 241	.04		PCI/GM	D	CU	20-OCT-94
9404566	G	BI 212	.03		PCI/GM	D	CU	20-OCT-94
9404566	G	BI 214	.6	.03	PCI/GM	D	CU	20-OCT-94
9404566	G	CO 60	.02		PCI/GM	D	CU	20-OCT-94
9404566	G	CS 134	.01		PCI/GM	D	CU	20-OCT-94
9404566	G	CS 137	.03	.005	PCI/GM	D	CU	20-OCT-94
9404566	G	K 40	16.9	.9	PCI/GM	D	CU	20-OCT-94
9404566	G	PB 212	.8	.05	PCI/GM	D	CU	20-OCT-94
9404566	G	PB 214	.6	.03	PCI/GM	D	CU	20-OCT-94
9404566	G	RA 224	.6		PCI/GM	D	CU	20-OCT-94
9404566	G	RA 226	.4	.9	PCI/GM	D	CU	20-OCT-94
9404566	G	TH 228	.2		PCI/GM	D	CU	20-OCT-94
9404566	G	TH 232	.7	.02	PCI/GM	D	CU	20-OCT-94
9404566	G	TH 234	.3	.09	PCI/GM	D	CU	20-OCT-94
9404566	G	TL 208	.2	.01	PCI/GM	D	CU	20-OCT-94
9404566	G	U 235	.09	.01	PCI/GM	D	CU	20 OCT 94

nter analysis method code. Press list of field values key for help.
15 v <List>

15

V

===== COMMENTS =====

ample #	Order	Comment	Culprit
9404566	1	SAMPLE VOLUME 5164.2 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
*1

===== SAMPLE ED1T =====

Sample # 19404567 Logged by JS Last Updated By CU
 Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400

Reason R ROUTINE

Name SSAN

Weight Age Sex
Base Sample # GS943829 Serial #

Collection Method G GRAB

Sample Type S SOIL
Project ID
Analyses ABG

ress <LIST> for list of initials.

*1

<List>

H-40

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404567	G	AC 228	.6	.02	PCI/GM	D CU	20-OCT-94
9404567	G	BI 212	.02		PCI/GM	D CU	20-OCT-94
9404567	G	BI 214	.6	.03	PCI/GM	D CU	20-OCT-94
9404567	G	CS 134	.01		PCI/GM	D CU	20-OCT-94
9404567	G	CS 137	.1	.01	PCI/GM	D CU	20-OCT-94
9404567	G	K 40	15.6	.9	PCI/GM	D CU	20-OCT-94
9404567	G	PB 212	.7	.05	PCI/GM	D CU	20-OCT-94
9404567	G	PB 214	.6	.03	PCI/GM	D CU	20-OCT-94
9404567	G	RA 224	.6		PCI/GM	D CU	20-OCT-94
9404567	G	RA 226	.4		PCI/GM	D CU	20-OCT-94
9404567	G	TH 228	1.3	.3	PCI/GM	D CU	20-OCT-94
9404567	G	TH 234	.3	.08	PCI/GM	D CU	20-OCT-94
9404567	G	TL 208	.2	.01	PCI/GM	D CU	20-OCT-94
9404567	G	U 235	.08	.01	PCI/GM	D CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
 *14 <List>

===== COMMENTS =====

sample #	Order	Comment	Culprit
9404567	1	SAMPLE VOLUME 3809.3 GRAMS DRY.	CU

Enter a sequence number to force print order. Leave blank if not reported.
*1

4.42

===== SAMPLE EDIT =====

Sample # 19404568 Logged by JS Last Updated By CU
 Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400

Reason R ROUTINE

Name SSAN

Weight Age Sex

Base Sample # GS943830 Serial #

Collection Method G GRAB

Sample Type S SOIL

Project ID

Analyses ABG

ress <LIST> for list of initials.

*1

<List>

H-43

Sample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404568	G	AC 228	.6	.02	PCI/GM	D CU	20-OCT-94
9404568	G	BI 212	.03		PCI/GM	D CU	20-OCT-94
9404568	G	BI 214	.5	.03	PCI/GM	D CU	20-OCT-94
9404568	G	CS 134	.01		PCI/GM	D CU	20-OCT-94
9404568	G	CS 137	.05	.01	PCI/GM	D CU	20-OCT-94
9404568	G	K 40	14.2	.8	PCI/GM	D CU	20-OCT-94
9404568	G	PB 212	.6	.04	PCI/GM	D CU	20-OCT-94
9404568	G	PB 214	.6	.03	PCI/GM	D CU	20-OCT-94
9404568	G	RA 224	.6		PCI/GM	D CU	20-OCT-94
9404568	G	RA 226	.4		PCI/GM	D CU	20-OCT-94
9404568	G	TH 228	1.5	.3	PCI/GM	D CU	20-OCT-94
9404568	G	TH 232	.6	.02	PCI/GM	D CU	20-OCT-94
9404568	G	TH 234	.3	.08	PCI/GM	D CU	20-OCT-94
9404568	G	TL 208	.2	.01	PCI/GM	D CU	20-OCT-94
9404568	G	U 235	.07	.01	PCI/GM	D CU	20-OCT-94

Enter analysis method code. Press list of field values key for help.
 Count: *15 <List><Replace>

444

===== COMMENTS =====

Sample #	Order	Comment	Culprit
9404568	1	SAMPLE VOLUME 4602.4 GRAMS DRY.	CU

Enter a sequence number to force print order. Leave blank if not reported.
*1

===== SAMPLE EDIT =====

Sample # 19404569 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400

Reason B ROUTINE

Name _____

Weight Age Sex

Base Sample # GS943831 Serial #

Collection Method G GRAB

Sample Type S SOTL

Sample type Project ID

Project ID Analyses ABG

ress <LIST> for list of initials.

★ 1

<List>

11-246

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404569	G	AC 228	.5	.02	PCI/GM	D CU	20-OCT-94
9404569	G	BI 212	.03		PCI/GM	D CU	20-OCT-94
9404569	G	BI 214	.6	.03	PCI/GM	D CU	20-OCT-94
9404569	G	CS 134	3	2.4	PCI/GM	D CU	20-OCT-94
9404569	G	CS 137	.02	.004	PCI/GM	D CU	20-OCT-94
9404569	G	K 40	13.5	.8	PCI/GM	D CU	20-OCT-94
9404569	G	PB 212	.5	.04	PCI/GM	D CU	20-OCT-94
9404569	G	PB 214	.6	.03	PCI/GM	D CU	20-OCT-94
9404569	G	RA 224	.05		PCI/GM	D CU	20-OCT-94
9404569	G	RA 226	.4		PCI/GM	D CU	20-OCT-94
9404569	G	TH 228	1.4	.3	PCI/GM	D CU	20-OCT-94
9404569	G	TH 232	.5	.02	PCI/GM	D CU	20-OCT-94
9404569	G	TH 234	.3	.08	PCI/GM	D CU	20-OCT-94
9404569	G	TL 208	.2	.01	PCI/GM	D CU	20-OCT-94
9404569	G	U 235	.07	.01	PCI/GM	D CU	20-OCT-94

nter analysis method code. Press list of field values key for help.

*15

<List>

===== COMMENTS =====

ample #	Order	Comment	Culprit
9404569	1	SAMPLE VOLUME 3879.4 GRAMS DRY.	CU

Enter a sequence number to force print order. Leave blank if not reported.
*1

3148

===== SAMPLE EDIT =====

Sample # 19404572 Logged by JS Last Updated By CU
 Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400

Reason R ROUTINE

Name SSAN

Weight Age Sex

Base Sample # GS943834 Serial #

Collection Method G GRAB

Sample Type S SOIL

Project ID

Analyses ABG

Press <LIST> for list of initials.

Count: *1

<List><Replace>

Sample #	Method	Isotope	Value	Error	Units	Culprit	Completed	
9404572	G	AC 228	.5	.02	PCI/GM	D	CU	20-OCT-94
9404572	G	BI 212	.03		PCI/GM	D	CU	20-OCT-94
9404572	G	BI 214	.4	.02	PCI/GM	D	CU	20-OCT-94
9404572	G	CS 134	.01		PCI/GM	D	CU	20-OCT-94
9404572	G	CS 137	5.7	3.2	FCI/GM	D	CU	20-OCT-94
9404572	G	K 40	14	.8	PCI/GM	D	CU	20-OCT-94
9404572	G	PB 212	.5	.03	PCI/GM	D	CU	20-OCT-94
9404572	G	PB 214	.4	.02	PCI/GM	D	CU	20-OCT-94
9404572	G	RA 224	.5		PCI/GM	D	CU	20-OCT-94
9404572	G	RA 226	.4		PCI/GM	D	CU	20-OCT-94
9404572	G	TH 228	1.4	.2	PCI/GM	D	CU	20-OCT-94
9404572	G	TH 232	.5	.02	PCI/GM	D	CU	20-OCT-94
9404572	G	TH 234	.3	.07	PCI/GM	D	CU	20-OCT-94
9404572	G	TL 208	.2	.01	PCI/GM	D	CU	20-OCT-94
9404572	G	U 235	.06	.01	PCI/GM	D	CU	20-OCT-94

Enter analysis method code. Press list of field values key for help.

Count: *15

<List><Replace>

5.50

===== COMMENTS =====

ample #	Order	Comment	Culprit
9404572	1	SAMPLE VOLUME 4397.5 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

21

===== SAMPLE EDIT =====

Sample # 19404573 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400

Copy 2

Collected (YYMMDD HRMI) 940908 1400

Reason R ROUTINE

Name _____

SSAN

Weight Age

Sex

4

Weight Age
Base Sample # GS943835 Serial #

Collection Method G GRAB

Sample Type S SOIL

Sample Type
Project ID

Project ID

ress <LIST> for list of initials.

ress & H.
ount. *1

<List><Replace>

sample #	Method	Isotope	Value	Error	Units	Culprit	Completed	
9404573	G	AC 228	.5	.02	PCI/GM	D	CU	20-OCT-94
9404573	G	BI 212	.03		PCI/GM	D	CU	20-OCT-94
9404573	G	BI 214	.4	.02	PCI/GM	D	CU	20-OCT-94
9404573	G	CS 134	.01		PCI/GM	D	CU	20-OCT-94
9404573	G	CS 137	6.9	3.2	FCI/GM	D	CU	20-OCT-94
9404573	G	K 40	14.3	.8	PCI/GM	D	CU	20-OCT-94
9404573	G	PB 212	.5	.04	PCI/GM	D	CU	20-OCT-94
9404573	G	PB 214	.5	.02	PCI/GM	D	CU	20-OCT-94
9404573	G	RA 224	.5		PCI/GM	D	CU	20-OCT-94
9404573	G	RA 226	.4		PCI/GM	D	CU	20-OCT-94
9404573	G	TH 228	1.4	.2	PCI/GM	D	CU	20-OCT-94
9404573	G	TH 232	.5	.02	PCI/GM	D	CU	20-OCT-94
9404573	G	TH 234	.2	.07	PCI/GM	D	CU	20-OCT-94
9404573	G	TL 208	.2	.01	PCI/GM	D	CU	20-OCT-94
9404573	G	U 235	.07	.01	PCI/GM	D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
 Count: *15 <List><Replace>

H-53

===== COMMENTS =====

ample #	Order	Comment	Culprit
9404573	1	SAMPLE VOLUME 4547.8 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

40-54

===== SAMPLE EDIT =====

Sample # 19404574 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400

Reason R ROUTINE

SSAN

Name Weight Age Sex

Base Sample # GS943836 Serial #

Collection Method G GRAB

Sample Type S SOIL

Project ID

Analyses ABG

Press <LIST> for list of initials.

Count: *1

<List><Replace>

Sample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404574	G	AC 228	.5	.02	PCI/GM	D CU	20-OCT-94
9404574	G	BI 212	.04		PCI/GM	D CU	20-OCT-94
9404574	G	BI 214	.7	.03	PCI/GM	D CU	20-OCT-94
9404574	G	CS 134	.01		PCI/GM	D CU	20-OCT-94
9404574	G	CS 137	.02		PCI/GM	D CU	20-OCT-94
9404574	G	K 40	11.5	.7	PCI/GM	D CU	20-OCT-94
9404574	G	PB 212	.5	.04	PCI/GM	D CU	20-OCT-94
9404574	G	PB 214	.8	.04	PCI/GM	D CU	20-OCT-94
9404574	G	RA 224	.6		PCI/GM	D CU	20-OCT-94
9404574	G	RA 226	.4		PCI/GM	D CU	20-OCT-94
9404574	G	TH 228	1.4	.03	PCI/GM	D CU	20-OCT-94
9404574	G	TH 232	.5	.02	PCI/GM	D CU	20-OCT-94
9404574	G	TH 234	.4	.09	PCI/GM	D CU	20-OCT-94
9404574	G	TL 208	.1	.01	PCI/GM	D CU	20-OCT-94
9404574	G	U 235	.1	.01	PCI/GM	D CU	20-OCT-94

Enter analysis method code. Press list of field values key for help.
 Count: *15 <List><Replace>

===== COMMENTS =====

ample #	Order	Comment	Culprit
9404574	1	SAMPLE VOLUME 4148.3 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

===== SAMPLE EDIT =====

Sample # 19404575 Logged by JS Last Updated By CU
 Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400

Reason R ROUTINE

Name SSAN

Weight Age Sex
Base Sample # GS943837 Serial #

Collection Method G GRAB

Sample Type S SOIL

Project ID

Analyses ABG

ress <LIST> for list of initials.

ount: *1

<List><Replace>

Sample #	Method	Isotope	Value	Error	Units	Culprit	Completed	
9404575	G	AC 228	.6	.03	PCI/GM	D	CU	20-OCT-94
9404575	G	BI 212	.4		PCI/GM	D	CU	20-OCT-94
9404575	G	BI 214	.4	.03	PCI/GM	D	CU	20-OCT-94
9404575	G	CS 134	.02		PCI/GM	D	CU	20-OCT-94
9404575	G	CS 137	.02	.005	PCI/GM	D	CU	20-OCT-94
9404575	G	K 40	14.3	.8	PCI/GM	D	CU	20-OCT-94
9404575	G	PB 212	.6	.05	PCI/GM	D	CU	20-OCT-94
9404575	G	PB 214	.5	.03	PCI/GM	D	CU	20-OCT-94
9404575	G	RA 224	.7		PCI/GM	D	CU	20-OCT-94
9404575	G	RA 226	.5		PCI/GM	D	CU	20-OCT-94
9404575	G	TH 228	1.4	.3	PCI/GM	D	CU	20-OCT-94
9404575	G	TH 232	.6	.03	PCI/GM	D	CU	20-OCT-94
9404575	G	TH 234	.3	.1	PCI/GM	D	CU	20-OCT-94
9404575	G	TL 208	.2	.01	PCI/GM	D	CU	20-OCT-94
9404575	G	U 235	.06	.01	PCI/GM	D	CU	20-OCT-94

Enter analysis method code. Press list of field values key for help.
 Count: *15 <List><Replace>

===== COMMENTS =====

sample #	Order	Comment	Culprit
9404575	1	SAMPLE VOLUME 4073.7 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

H-60

===== SAMPLE EDIT =====

Sample # 19404576 Logged by JS Last Updated By CU

Reviewed by Final Review By

Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940908 1400

Reason R ROUTINE

SSAN

Name Weight Age Sex

Base Sample # GS943838 Serial #

Collection Method G GRAB

Sample Type S SOIL

Project ID

Analyses ABG

ress <LIST> for list of initials.

ount: *1

<List><Replace>

H-61

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404576	G	AC 228	.6	.03	PCI/GM	D CU	20-OCT-94
9404576	G	BI 212	.4		PCI/GM	D CU	20-OCT-94
9404576	G	BI 214	.5	.03	PCI/GM	D CU	20-OCT-94
9404576	G	CS 134	.02		PCI/GM	D CU	20-OCT-94
9404576	G	CS 137	.02		PCI/GM	D CU	20-OCT-94
9404576	G	K 40	14.8	.9	PCI/GM	D CU	20-OCT-94
9404576	G	PB 212	.7	.05	PCI/GM	D CU	20-OCT-94
9404576	G	PB 214	.6	.03	PCI/GM	D CU	20-OCT-94
9404576	G	RA 224	.7		PCI/GM	D CU	20-OCT-94
9404576	G	RA 226	.5		PCI/GM	D CU	20-OCT-94
9404576	G	TH 228	1.5	.3	PCI/GM	D CU	20-OCT-94
9404576	G	TH 232	.6	.03	PCI/GM	D CU	20-OCT-94
9404576	G	TH 234	.2	.09	PCI/GM	D CU	20-OCT-94
9404576	G	TL 208	.2	.02	PCI/GM	D CU	20-OCT-94
9404576	G	U 235	.07	.01	PCI/GM	D CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
 ount: *15 <List><Replace>

===== COMMENTS =====

ample #	Order	Comment	Culprit
9404576	1	SAMPLE VOLUME 4808.6 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

H-63

===== SAMPLE EDIT =====

Sample # 19404577 Logged by JS Last Updated By CU
Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940909 1500

Copy 2

Sample Okay
Reported

Cancelled

Reason B ROUTINE

SSAN

Name _____

Weight Age Sex

Base Sample # GS943839 Serial #

Collection Method G GRAB

Sample Type S SOIL

Sample Type
Project ID

Analyses ABG

ress <LIST> for list of initials.

count: *1

<List><Replace>

H-64

sample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404577	G	AC 228	.5	.02	PCI/GM	D CU	20-OCT-94
9404577	G	BI 212	.4		PCI/GM	D CU	20-OCT-94
9404577	G	BI 214	.4	.02	PCI/GM	D CU	20-OCT-94
9404577	G	CS 134	.02		PCI/GM	D CU	20-OCT-94
9404577	G	CS 137	.02		PCI/GM	D CU	20-OCT-94
9404577	G	K 40	12.9	.8	PCI/GM	D CU	20-OCT-94
9404577	G	PB 212	.5	.04	PCI/GM	D CU	20-OCT-94
9404577	G	PB 214	.4	.02	PCI/GM	D CU	20-OCT-94
9404577	G	RA 224	.6		PCI/GM	D CU	20-OCT-94
9404577	G	RA 226	.4		PCI/GM	D CU	20-OCT-94
9404577	G	TH 228	1.1	.3	PCI/GM	D CU	20-OCT-94
9404577	G	TH 232	.5	.02	PCI/GM	D CU	20-OCT-94
9404577	G	TH 234	.1	.08	PCI/GM	D CU	20-OCT-94
9404577	G	TL 208	.2	.01	PCI/GM	D CU	20-OCT-94
9404577	G	U 235	.05	.01	PCI/GM	D CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
ount: *15 <List><Replace>

===== COMMENTS =====

ample #	Order	Comment	Culprit
9404577	1	SAMPLE VOLUME 5037.9 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

A-66

===== SAMPLE EDIT =====

Sample # 19404578 Logged by JS Last Updated By CU
 Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940920 0800

Reason R ROUTINE

SSAN

Name Weight Age Sex
Base Sample # GS943840 Serial #

Collection Method G GRAB

Sample Type S SOIL

Project ID

Analyses ABG

ress <LIST> for list of initials.

ount: *1

<List><Replace>

4-67

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed
9404578	G	AC 228	.6	.02	PCI/GM	D CU	20-OCT-94
9404578	G	BI 212	.4		PCI/GM	D CU	20-OCT-94
9404578	G	BI 214	.5	.03	PCI/GM	D CU	20-OCT-94
9404578	G	CS 134	.02		PCI/GM	D CU	20-OCT-94
9404578	G	CS 137	5.6	4.2	FCI/GM	D CU	20-OCT-94
9404578	G	K 40	13.9	.8	PCI/GM	D CU	20-OCT-94
9404578	G	PB 212	.6	.05	PCI/GM	D CU	20-OCT-94
9404578	G	PB 214	.5	.03	PCI/GM	D CU	20-OCT-94
9404578	G	RA 224	.7		PCI/GM	D CU	20-OCT-94
9404578	G	RA 226	.5		PCI/GM	D CU	20-OCT-94
9404578	G	TH 228	1.7	.3	PCI/GM	D CU	20-OCT-94
9404578	G	TH 232	.6	.02	PCI/GM	D CU	20-OCT-94
9404578	G	TH 234	.3	.09	PCI/GM	D CU	20-OCT-94
9404578	G	TL 208	.2	.01	PCI/GM	D CU	20-OCT-94
9404578	G	U 235	.07	.01	PCI/GM	D CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
ount: *15 <List><Replace>

===== COMMENTS =====

Sample #	Order	Comment	Culprit
9404578	1	SAMPLE VOLUME 3506.3 GRAMS DRY.	CU

Enter a sequence number to force print order. Leave blank if not reported.
Count: *1 <Replace>

===== SAMPLE EDIT =====

Sample # 19404579 Logged by JS Last Updated By CU
 Reviewed by Final Review By
Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940920 0800

Reason R ROUTINE

Name SSAN

Weight Age Sex
Base Sample # GS943841 Serial #

Collection Method G GRAB

Sample Type S SOIL

Project ID

Analyses ABG

ress <LIST> for list of initials.

ount: *1

<List><Replace>

sample #	Method	Isotope	Value	Error	Units	Culprit	Completed	
9404579	G	AC 228	.7	.03	PCI/GM	D	CU	20-OCT-94
9404579	G	BI 212	.5		PCI/GM	D	CU	20-OCT-94
9404579	G	BI 214	.5	.03	PCI/GM	D	CU	20-OCT-94
9404579	G	CS 134	.02		PCI/GM	D	CU	20-OCT-94
9404579	G	CS 137	.04	.01	PCI/GM	D	CU	20-OCT-94
9404579	G	K 40	15.6	.9	PCI/GM	D	CU	20-OCT-94
9404579	G	PB 212	.7	.06	PCI/GM	D	CU	20-OCT-94
9404579	G	PB 214	.6	.03	PCI/GM	D	CU	20-OCT-94
9404579	G	RA 224	.8		PCI/GM	D	CU	20-OCT-94
9404579	G	RA 226	.5		PCI/GM	D	CU	20-OCT-94
9404579	G	TH 228	1.4	.3	PCI/GM	D	CU	20-OCT-94
9404579	G	TH 232	.7	.03	PCI/GM	D	CU	20-OCT-94
9404579	G	TH 234	.2	.1	PCI/GM	D	CU	20-OCT-94
9404579	G	TL 208	.2	.02	PCI/GM	D	CU	20-OCT-94
9404579	G	U 235	.09	.01	PCI/GM	D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.

ount: *15

<List><Replace>

H-71

===== COMMENTS =====

ample #	Order	Comment	Culprit
9404579	1	SAMPLE VOLUME 4358.2 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

H-72

===== SAMPLE EDIT =====

Sample # 19404580 Logged by JS Last Updated By CU

Reviewed by Final Review By

Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940920 0800

Reason R ROUTINE

SSAN

Name Weight Age Sex

Base Sample # GS943842 Serial #

Collection Method G GRAB

Sample Type S SOIL

Project ID

Analyses ABG

ress <LIST> for list of initials.

ount: *1

<List><Replace>

A-73

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed	
9404580	G	AC 228	.8	.03	PCI/GM	D	CU	20-OCT-94
9404580	G	BI 212	.4		PCI/GM	D	CU	20-OCT-94
9404580	G	BI 214	.5	.03	PCI/GM	D	CU	20-OCT-94
9404580	G	CS 134	.02		PCI/GM	D	CU	20-OCT-94
9404580	G	CS 137	.02	.005	PCI/GM	D	CU	20-OCT-94
9404580	G	K 40	16.2	.9	PCI/GM	D	CU	20-OCT-94
9404580	G	PB 212	.7	.06	PCI/GM	D	CU	20-OCT-94
9404580	G	PB 214	.6	.03	PCI/GM	D	CU	20-OCT-94
9404580	G	RA 224	.7		PCI/GM	D	CU	20-OCT-94
9404580	G	RA 226	.7	.4	PCI/GM	D	CU	20-OCT-94
9404580	G	TH 228	1.8	.3	PCI/GM	D	CU	20-OCT-94
9404580	G	TH 232	.8	.03	PCI/GM	D	CU	20-OCT-94
9404580	G	TH 234	.2	.1	PCI/GM	D	CU	20-OCT-94
9404580	G	TL 208	.3	.02	PCI/GM	D	CU	20-OCT-94
9404580	G	U 235	.04	.02	PCI/GM	D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
 ount: *15 <List><Replace>

4-74

===== COMMENTS =====

Sample #	Order	Comment	Culprit
9404580	1	SAMPLE VOLUME 4444.4 GRAMS DRY.	CU

Enter a sequence number to force print order. Leave blank if not reported.
Count: *1 <Replace>

===== SAMPLE EDIT =====

Sample # 19404581 Logged by JS Last Updated By CU

Reviewed by Final Review By

Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled
Marked For Review N Sample Okay
Ready to Report Reported
Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2
Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940920 0800

Reason R ROUTINE

Name SSAN

Weight Age Sex

Base Sample # GS943843 Serial #

Collection Method G GRAB

Sample Type S SOIL

Project ID

Analyses ABG

ress <LIST> for list of initials.

ount: *1

<List><Replace>

11-76

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed	
9404581	G	AC 228	.5	.02	PCI/GM	D	CU	20-OCT-94
9404581	G	BI 212	.4		PCI/GM	D	CU	20-OCT-94
9404581	G	BI 214	.4		PCI/GM	D	CU	20-OCT-94
9404581	G	CS 134	.02		PCI/GM	D	CU	20-OCT-94
9404581	G	CS 137	.02	.005	PCI/GM	D	CU	20-OCT-94
9404581	G	K 40	12.9	.8	PCI/GM	D	CU	20-OCT-94
9404581	G	PB 212	.6	.04	PCI/GM	D	CU	20-OCT-94
9404581	G	PB 214	.5	.02	PCI/GM	D	CU	20-OCT-94
9404581	G	RA 224	.7		PCI/GM	D	CU	20-OCT-94
9404581	G	RA 226	.5		PCI/GM	D	CU	20-OCT-94
9404581	G	TH 228	1.5	.3	PCI/GM	D	CU	20-OCT-94
9404581	G	TH 232	.5	.02	PCI/GM	D	CU	20-OCT-94
9404581	G	TH 234	.2	.09	PCI/GM	D	CU	20-OCT-94
9404581	G	TL 208	.2	.01	PCI/GM	D	CU	20-OCT-94
9404581	G	U 235	.07	.01	PCI/GM	D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.

ount: *15

<List><Replace>

===== COMMENTS =====

ample #	Order	Comment	Culprit
9404581	1	SAMPLE VOLUME 4288.7 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

===== SAMPLE EDIT =====

Sample # 19404582 Logged by JS Last Updated By CU

Reviewed by Final Review By

Site ID 97 093A

Logged Listing Created Y Work Card or Label Created Cancelled

Marked For Review N Sample Okay

Ready to Report Reported

Priority Sample

Description:

Mail to Q00097Z Copy 1 Copy 2

Received 26-SEP-94 Completed Collected(YYMMDD HRMI) 940920 0800

Reason R ROUTINE

SSAN

Name

Weight Age Sex

Base Sample # GS943844 Serial #

Collection Method G GRAB

Sample Type S SOIL

Project ID

Analyses ABG

ress <LIST> for list of initials.

ount: *1

<List><Replace>

H-79

ample #	Method	Isotope	Value	Error	Units	Culprit	Completed	
9404582	G	AC 228	.6	.03	PCI/GM	D	CU	20-OCT-94
9404582	G	BI 212	.4		PCI/GM	D	CU	20-OCT-94
9404582	G	BI 214	.5	.03	PCI/GM	D	CU	20-OCT-94
9404582	G	CS 134	.02		PCI/GM	D	CU	20-OCT-94
9404582	G	CS 137	8.1	4.9	FCI/GM	D	CU	20-OCT-94
9404582	G	K 40	14.9	.9	PCI/GM	D	CU	20-OCT-94
9404582	G	PB 212	.6	.05	PCI/GM	D	CU	20-OCT-94
9404582	G	PB 214	.5	.03	PCI/GM	D	CU	20-OCT-94
9404582	G	RA 224	.7		PCI/GM	D	CU	20-OCT-94
9404582	G	RA 226	.5		PCI/GM	D	CU	20-OCT-94
9404582	G	TH 228	1.7	.3	PCI/GM	D	CU	20-OCT-94
9404582	G	TH 232	.6	.03	PCI/GM	D	CU	20-OCT-94
9404582	G	TH 234	.2	.09	PCI/GM	D	CU	20-OCT-94
9404582	G	TL 208	.2	.01	PCI/GM	D	CU	20-OCT-94
9404582	G	U 235	.06	.01	PCI/GM	D	CU	20-OCT-94

nter analysis method code. Press list of field values key for help.
ount: *15 <List><Replace>

===== COMMENTS =====

Sample #	Order	Comment	Culprit
9404582	1	SAMPLE VOLUME 4265.1 GRAMS DRY.	CU

nter a sequence number to force print order. Leave blank if not reported.
ount: *1 <Replace>

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